

The
CHEMIST AND DRUGGIST
or RETAILER — WHOLESALER — MANUFACTURER
SEPTEMBER 13, 1952

M&B-ANTISEPTIC CREAM

for cuts

burns

and abrasions



By virtue of the powerful antibacterial activity of propamidine, M&B Antiseptic Cream is highly effective in the prevention and treatment of infection in wounds and burns. It is remarkably rapid in its effect, and under its influence healing takes place unchecked.

In contrast to the topical application of penicillin, the use of propamidine is not reported to cause sensitization. M&B Antiseptic Cream has the added advantage of maintaining its potency indefinitely without special conditions of storage.

Attractive Showcards available on request.
Bonus terms of 13 to the dozen offered through wholesalers in return for display services.

M&B Antiseptic Cream is supplied in tubes of 1 oz. at 2s. 3d.



manufactured by

MAY & BAKER LTD



distributors : PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD • DAGENHAM

A FINE TRADITION—

*maintained and upheld in
many parts of the world by
the skill of Scottish Industry.*



"CLAN SUTHERLAND" OF THE CLAN LINE
BUILT BY THE GREENOCK DOCKYARD CO. LTD.

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T. & H. SMITH LTD.

BLANDFIELD CHEMICAL WORKS

EDINBURGH · SCOTLAND

For Fine Chemicals and
Pharmaceutical Preparations
including

ESERINE
GINGERIN
CAPSICIN

ATROPINE & SALTS
HOMATROPINE & SALTS

the abominable slow man



THIS MAN HAS BEEN SEEN. In fact, the colder the weather the more he stands out in a crowd—a 'flu victim . . . a chilled, unhappy man whose sneezes bring indignant glares from all around him. Slow? That he is, for most people know that a course of ADEXOLIN, *started now*, prepares the body in good time for the rigours of winter. Why not tell him of the 'anti-infective' vitamins A and D in ADEXOLIN? You might mention, too, that the added calcium in ADEXOCAL is a worthwhile insurance against chilblains.

ADEXOLIN

*Trade mark*trade price
per doz.

face price

Capsules:	25	2/-	18/-
	100	6/-	54/-
Liquid:	$\frac{1}{2}$ -oz. 2-oz.	2/3 6/-	20/3 54/-
Parcels:	No. 1	2 doz. x 25	£1.12.0 net
	No. 2	1 doz. x 100	£2. 8.0 net
	No. 4	2 doz. x $\frac{1}{2}$ -oz.	£1.16.0 net
	No. 5	1 doz. x 2-oz.	£2. 8.0 net

ADEXOCAL

Trade mark

trade price

face price per doz.

Tablets: 50 3/4 (plus 10d. tax) 30/-

Parcel No. 3 1 doz. x 50 £1.6.8 plus 10/- P.T.



GLAXO LABORATORIES LTD., GREENFORD, MIDDLESEX BYRON 3434



The manufacturers of D E T T O L submit

the following facts to your attention

Wide mention in medical literature has made Dettol a text-book antiseptic. Wide clinical use has attested the efficiency of Dettol in literally millions of cases which range from minor accident to major operation.

EFFICIENCY

Dettol is an efficient antiseptic which, moreover, retains a high degree of efficiency in the presence of organic matter.

TOLERATION

Dettol is well tolerated on the skin and tissues in high concentrations. Moreover, its non-toxicity offers a high degree of safety to doctor, nurse and patient.

STRENGTH

The fact that Dettol is well tolerated by the tissues permits dilutions to be recommended for clinical purposes which provide a margin of safety even when a reasonable amount of organic material is present.

ACTIVITY

Dettol is active against both

Gram-positive and Gram-negative micro-organisms. Under standard conditions of test a dilution of 1 in 200 kills Staph. aureus in 10 minutes; a 1 in 500 dilution kills Strept. pyogenes in 10 minutes.

COMPATIBILITY

Dettol is not incompatible with soap, traces of which need not be removed before application.

PLEASANTNESS

Dettol is non-poisonous, safe, pleasant and economical in use. It has an agreeable smell.

DATA

Bacteriological data and the literature of Dettol are available on request. Dettol is packed in 2 and 5 gallon, Purchase-Tax-free Dispensing containers.



was the general view of last year's advertising. This year's campaign runs on similar lines, but in addition to the great weight of Press, Transport and Filmlet advertising we are now including regular programmes from

Radio Luxembourg

Full details are being mailed to all chemists in September, with bonus terms, showcards (new novelties) and dressed window displays to suit your convenience.

Order Now

Standard Bonus Parcels			
PARCEL 39 x 25 Capsules @ 2/6 Retail			
E	Total retail value	£4 17 6	
	Cost of parcel	£3 0 9	
PARCEL 26 x 5 ml. Drops @ 2/- Retail			
F	Total retail value	£2 12 0	
	Cost of parcel	£1 12 5	
PARCEL 13 x 15 ml. Drops @ 5/- Retail			
G	Total retail value	£3 5 0	
	Cost of parcel	£2 0 6	
PARCEL 13 x 30 ml. Drops @ 9/- Retail			
J	Total retail value	£5 17 0	
	Cost of parcel	£3 12 11	
PARCEL 13 x 100 Capsules @ 8/6 Retail			
L	Total retail value	£5 10 6	
	Cost of parcel	£3 8 10	
PARCEL 13 x 15 ml. Infants Emulsion @ 3/6 Retail			
P	Total retail value	£2 5 6	
	Cost of parcel	£1 8 4	



PATRA

CROOKES HALIBUT OIL

OPTIMISM

we are full of it and we are still offering and producing printed ideas and attractive packaging material that will increase your profits.

If you have a new scheme in mind that requires such attention write to

ALF. HARRISON & SONS LTD.

MEDICAL, CARTON & COLOUR PRINTERS
BURLEY ROAD, LEEDS, 4

Phone : LEEDS 52668/9

Grams: "IDEAS" LEEDS

Cephos

PRONOUNCED
SEE-FOSS

POWDERS AND TABLETS

**Sell Readily
and Steadily!**

Backed by forceful and continuous advertising !

NEWS More aid to the Trade!
FLASH! New range of 'point of sale' advertising material available!

Trade enquiries to :

CEPHOS LTD.
BLACKBURN



©TT

CHANGE OF ADDRESS

From September 19th, 1952, our address will be :-
Thomas Marns Ltd., 49, Weston Street, London, S.E.1, to which all orders for Carters Little Liver Pills, Arrid Deodorant Cream, Juno-Junipah Salts & Tablets, Noxacorn, Iron-Ox, Bromo-Seltzer, etc., should be sent for prompt execution.

**Cut this out
for reference**

**Make a note
for your Buyer**

New Address after September 19th, 1952

THOMAS MARNS LTD
49, Weston Street
London, S.E.1

Phone : HOP 1140

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ORDER NOW

★ ON BONUS TERMS

ESOBACTULIN gives the best protection from Colds when taken early in the Autumn. Recommend your customers to take their first course NOW.

6 Capsules taken over 5 days give most people immunity for 3 months.

NOW BEING ADVERTISED

RETAIL 8/3 inc. tax

33 $\frac{1}{3}$ % DISCOUNT

**★ PLUS BONUS
13 to the dozen**

SUPPLIED THROUGH YOUR WHOLESALER



ESOBACTULIN
PROTECTION AGAINST COLDS

SOUTHON LABORATORIES LTD., 88 Upper Richmond Road, London, S.W.15

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These compact counter units come with your next order for
EVAN WILLIAMS
Toning Packs



Evan Williams Toning Packs are the only hair brighteners that women can use with confidence in the knowledge that they are absolutely safe and improve both tone and texture of dull faded hair.

EVAN WILLIAMS CO. LIMITED
 Sales Dept., Aintree Road, Perivale, Middlesex



INTRODUCTORY BONUS OFFER CLOSING SEPT. 19th

TRADE
MARK

BRAND

'ALLEVIN'

COMPOUND
SALICYLAMIDE
TABLETS.



The new analgesic with a bigger profit for you
 SELLING PRICE (tubes of ten), 2/- each inc. tax. TRADE PRICE, 13/- doz
13 tubes for every dozen ordered before Sept. 19th

PROFIT 63·8%

This extended offer will definitely close on September 19th

'ALLEVIN' can be
prescribed on E.C.10's.

PACKINGS

Tubes of 10 tablets :
13/- dozen.

Retail price : 2/- each
(including tax).

Dispensing packs of 100
and 500 tablets.

FOR THE RELIEF OF PAIN in

RHEUMATISM · MYALGIA · FIBROSITIS · NEURITIS
 LUMBAGO · SCIATICA · NEURALGIA · HEADACHE
 SINUSITIS · DYSMENORRHAEA and DENTAL SURGERY

and as an ANTIPYRETIC in

INFLUENZA and FEVERISH COLD

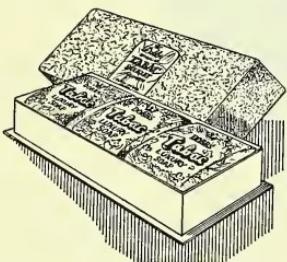
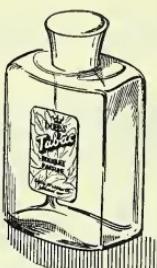
If you did not receive a copy of the medical literature, please write to us.

HERTS PHARMACEUTICALS LTD., WELWYN GARDEN CITY, HERTS
 GMT 139

Dobb's TABAC

PERFUME
TOILET-ESSENCE
LUXURY SOAP

*Price List and
samples on request.
Special Bonus-terms.*



192 SEVEN SISTERS ROAD, LONDON, N.4

*From your
wholesaler
or direct from
the Manufacturers:*

**DOBB'S
OF LONDON**
Telephone;
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SPECIAL OFFER!
(FOR LIMITED PERIOD)

ORDER or MEMO BOOKS

Specially printed name and address
100 leaves in duplicate per book

SEND NOW for specimen sheet and prices to:
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ESTABLISHED 1793

ATKINSON & BARKER'S INFANTS' PRESERVATIVE

The Best and Safest Infants'
Medicine of 150 years' standing

Does not contain any Scheduled Poison

ROBERT BARKER & SON, LTD.
13 WESLEY ST., C. on M., MANCHESTER



EPHEDRINE HYDROCHLORIDE Natural B.P.

competitive with imported
synthetic material

BIDDLE, SAWYER & CO. LTD.

4 GRAFTON STREET, LONDON, W.I.

Telephone: REGent 0521 Telegrams: Bidsawya, Piccy, London.

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RIO DE JANEIRO · JOHANNESBURG · FRANKFURT
HONG KONG

Associated companies and offices throughout the world

SELLING STEADILY ALL THE TIME!

THE Philishave Electric Dry Shaver has a very healthy-looking sales chart; it is attracting steady business everywhere. Its many special features include:—big all-round shaving head with unique six-bladed rotary action; neat, pleasing shape—fitting snugly into the palm of the hand; can be used with A.C. or D.C. mains, 100-250v—from a lighting point, if desired. Complete with attractive travelling case it retails at £6.19.6 (tax paid).

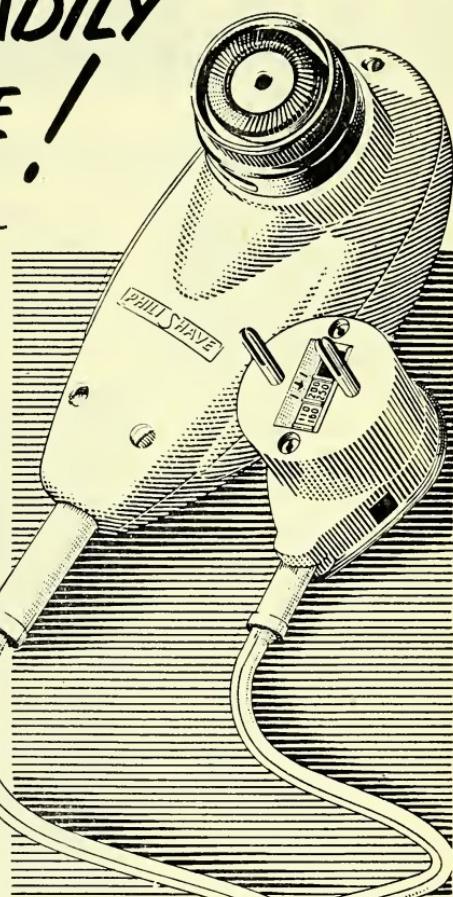
If you don't already stock the Philishave, now is the time to get it! You'll be surprised at the demand. For further particulars, please write to the Electrical Appliances Group at the address below.



PHILIPS

PHILISHAVE

ELECTRIC DRY SHAVER



*for
Easier Shaving
and Bigger
Profits!*

PHILIPS ELECTRICAL LTD., CENTURY HOUSE, SHAFTESBURY AVENUE, LONDON, W.C.2.

RADIO AND TELEVISION RECEIVERS · LAMPS AND LIGHTING EQUIPMENT · 'PHOTOFUX' FLASHBULBS, ETC.
(PS.230)

TK'S MONTHLY

TABLETS *Plain and Coloured*

According to the B.P. and the B.P.C., tablets should have no added colouring matter. Any which are so coloured are "not official". It is a very sensible point of view and, in a perfectly well-ordered world, we should all follow the injunction gladly. Medicine is for use, not ornament, and there are good reasons for not making it too attractive. We must, however, accept the real world, a place of complications and contradictions, full of awkward and untidy facts. Some of the most useful tablets, which are now standard and official, began life as proprietary specialities. They have literally made a name for themselves and everything about them has become accepted as right and proper. If they were originally coloured, patients and doctors alike demand that they shall continue to be coloured. The chemist who dispenses the pale official varieties may be suspect and the manufacturer who offers them may soon have more stock and fewer customers.

Our own attitude in this matter is the simple one of giving the Chemist what he wants. It is for him to say whether we are right or wrong in offering, say, Quinalbarbitone Sodium coloured red, or Amylobarbitone Sodium blue. There has been general agreement that Ferrous Sulph Co., Butobarbitone and Dexamphetamine (all B.P.C.) may be coloured, but why draw the line there?

ATTRACTIVE NEW PACK FOR **Kerofil** TRADE MARK LOZENGES

Retailing at sixpence, the new Kerofil Lozenge pack will be ideal for introductory purposes—the right pack at the right price to attract new customers. The small wallets are handy for pocket or bag, and the slide has a simple arrangement for unobtrusive "self-service". The colour scheme is the now-familiar Kerofil green in two shades, with touches of red to bring out the salient points.

6d. Wallets (including tax)
in display outers of 3 doz.

1/9 Tins in outers of 1 doz.



Newsletter



Be ready for the Pastille Season with these two popular lines

Kerfoots Friar's Balsam Pastilles were popular from the moment of their introduction in 1936. They are now much better known and still more popular. Distinctive in flavour and pleasant to take, they can be safely recommended for children and adults.

Issued in attractively-labelled showjars and in 2 oz. tins in display outers of 1 dozen, as illustrated.

Gee's Linctus Pastilles are now official—B.P.C. Supplement 1952—and exempt from purchase tax. An excellent formula for adults, well presented, in tins of 2 oz.



TAB. CODEIN. CO. B.P.

We are pleased to be able to offer this popular tablet in unlimited quantities—at the moment. Have you already used the Kerfoot brand in the new bulk pack of 1,000 tablets? Are you prepared for the greatly increased seasonal demand?

THIS MONTH'S PERSONALITY

Mr. W. H. SPINKS

Mr. Spinks joined the Firm in 1947 after war service and extensive pre-war experience in pharmaceutical representation. The territory he now covers includes part of Cheshire, Derbyshire, South Yorkshire and Lincolnshire.

PASTILLES . . . with a PEDIGREE

Given the right quality—Kerfoot quality—pastilles are ideal as a chemist's line. Everybody needs them, everybody is a possible customer. They provide a most effective, convenient method of medication, the prolonged local action being unobtainable by any other simple means. They are excellent adjuncts to other forms of treatment, and they can be recommended with perfect propriety. Nothing in the Pharmacy will respond more readily to regular display, tactful suggestion and good unobtrusive salesmanship. A little extra effort to increase pastille sales is well worth while.



THOMAS KERFOOT & Co. LTD.
VALE OF BARDSTON LANCS. AND BARDSTON HOUSE LONDON N.1.

The 1952 CHEMISTS EXHIBITION

September 29th — October 2nd

**In the Royal Horticultural Society (Old) Hall
Vincent Square, Westminster, London, S.W.1**

The official opening ceremony will be performed by Alderman W. J. Tristram, J.P., President of the Pharmaceutical Society of Great Britain and will take place at 11.30 a.m. on Monday, September 29th.

A wide and impressive range of exhibits will be on view, many quite new, and including ethical medical preparations, pharmaceuticals, cosmetics, soap, perfumery, laboratory apparatus, machines, equipment and fitments, which will be found of much interest to pharmacists from every branch of the profession.

In addition to the trade displays there will be a full-scale Model Retail Dispensary and a Hospital Pharmacy and Laboratory exhibit which will include some of the latest equipment and apparatus. A technological exhibit has also been arranged which demonstrates the principles of emulsification and which should prove of especial interest to hospital pharmacists and those carrying out medium and small-scale manufacturing.

A fully equipped Restaurant, Bar, Rest Room and Lounge will be provided and there will be daily performances of films of special interest to pharmacists.

Organised by:—

THE BRITISH & COLONIAL DRUGGIST LTD
194/200 Bishopsgate, London, E.C.2

Publishers of
THE BRITISH & OVERSEAS PHARMACIST
(Office at the Exhibition open all day)

PENICILLIN PREPARATIONS

LOZENGES · TABLETS · OINTMENTS · Etc.
Aids to Dispensing Outfits of Creams and Drops

MANUFACTURED BY



DISTRIBUTED BY

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LONDON, W.I. Tel: WELbeck 5718/9

Detailed Price List on Request

HERE THEY COME



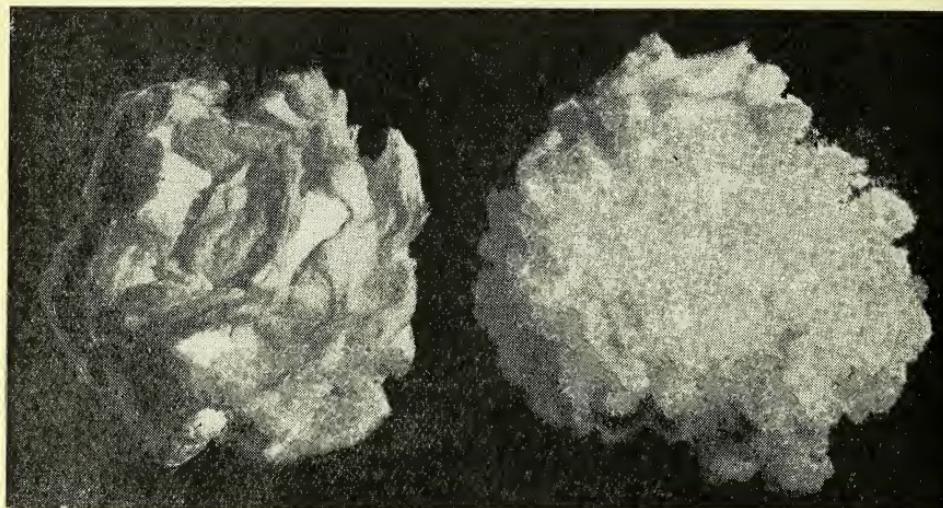
The Family
Favourites
in a
NEW PACK!

Simpkins
LEMON flavoured
Sore Throat Tablets

A tested and proved formulation, refreshing and palatable. Pleasant to take and most efficient in action. Repeat sales certain from satisfied customers.

Packed in jars each containing 6 dozen rolls, retailing at 7½d. per roll (inc. purchase tax). Price to chemists 4/- per doz. (plus P. tax 1/4 i.e., 24/- per jar (plus P. tax 8/-)

Simpkins of Sheffield



Which is softer?

On the left, ordinary soluble sanitary towel filling. On the right the exclusive Modess 'fluffed' filling. You can see at a glance Modess is softer, that it will not chafe, and gives the greatest possible degree of comfort in use. Add to this the other special Modess features—rounded streamlined ends, moisture-repellant backing marked by the blue thread and *exceptional degree of absorbency*,

and you will understand why Modess towels are preferred for comfort and efficiency in almost every country in the world. Modess Sanitary Towels, made by the largest surgical dressing manufacturers in the world, are uniformly excellent. Whether soluble or cotton wool, they conform to the highest surgical standard of hygiene. In recommending them to your customers you are sure of building goodwill.

Modess

The best Sanitary Towel at any price

softer · · safer · · streamlined

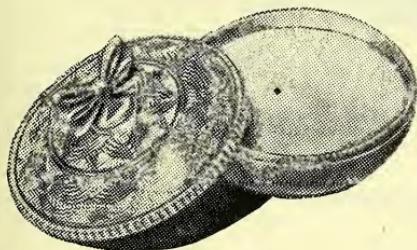
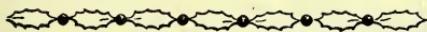
SOLUBLE OR COTTON WOOL SANITARY TOWELS MADE BY
Johnson & Johnson (GT. BRITAIN) LTD.

Now available

*These special Tokalon Christmas Lines
at Tokalon's own popular prices*

1952 BEAUTY BOX - 3/6 (inc. P.T.)

An attractive slide pack containing a double-velour powder puff, a box of the new finer Poudre Tokalon and Tokalon's small size lipstick in its new plastic case. Available in the following Powder/Lipstick assortments: Rachel/Holly Berry; Natural/Clover; Peach/Royal Red; Rose/Natural/Cherry.



FILLED POWDER BOWL - 3/6 (inc. P.T.)

This delightful shell-pink powder bowl—an ornament in itself—is filled with the popular new Poudre Tokalon. All Tokalon powder shades available.

THREE - CREAM COFFRET - 4/- (inc. P.T.)

A small size Tokalon Rose Skinfood, Vanishing Cream and Cleansing Cream in an attractive pack. Also available containing 3 Vanishing Cream or 2 Vanishing Cream and 1 Rose Skinfood.



These Christmas lines will be supported by press advertising

Tokalon

*The Features You Want
in a*

DISPENSING BALANCE

- ★ sound construction
- ★ accuracy
- ★ high sensitivity

PLUS A

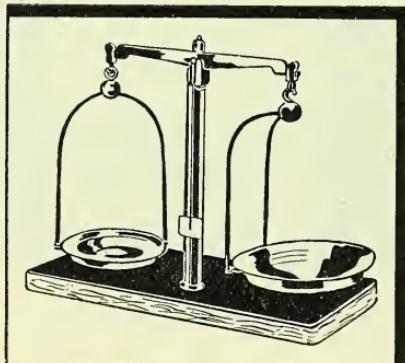
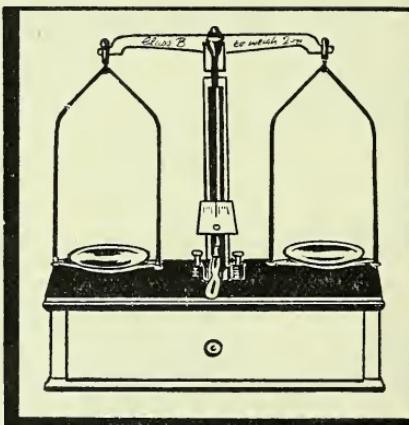
REASONABLE PRICE

ARE TO BE
FOUND IN THE

No. 50 BALANCE

PRICE £7 · 7s

The light alloy beam and aluminium indicator give the scale a particularly high sensitivity and enables it to maintain this sensitivity over a long period. Pans and stirrups are of brass and the base of polished mahogany.



The No. 55 Counter Scale
shown here, are good reliable scales of 2 lb capacity. The beam and pillar are of brass chromium-plated, with chromium-plate stirrups and stainless steel pans. Mounted on polished mahogany slab.

PRICE £15

DRAM AND GRAIN WEIGHTS

Dram and Grain Weights for the above balance and scales are extra. Price, Dram

weights, 6/9 per set; Grain weights, 6/6 per set.

MACDONALD & SON LTD., HOPE MILLS, POLLARD ST., MANCHESTER

Most chemists will want to find room for this gay, novel display unit! The "boxer" (a pastilles-and-springwire figure) sways and dances at the slightest vibration or touch. The whole colourful boxing-ring scene aptly dramatises a new sales-campaign slogan for

POTTER'S CATARRH PASTILLES

This "Fighting Formula" slogan puts a powerful punch into big-space National press advertising now appearing for Potter's Catarrh Pastilles. Point-of-sale display of this eye-catcher should prove an easy sales winner. 1 doz. tins of Potter's Catarrh Pastilles can be put in a special holder attached to the back of this unit.

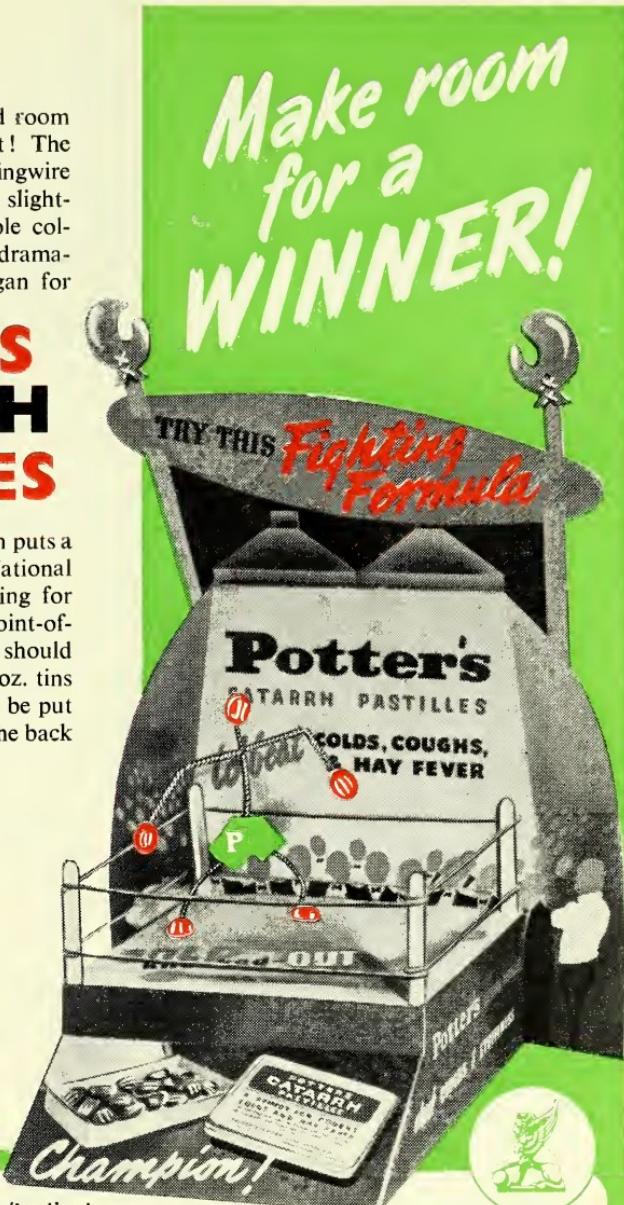
ALSO READY: Striking display box (also with "boxer" illustration) holding 1 doz. tins.

Retail Price	Trade Price
1/9 a tin.	11/- a doz.

**ORDERS THROUGH
WHOLESALERS ONLY**

N.B.—There is no general distribution of this costly display. If you are interested in having one for your shop, please apply direct to

POTTER & CLARKE LTD
RIVER ROAD • BARKING • ESSEX • Telephone: RIPPleway 3041



NOTE NEW
ADDRESS

Pastilles...



**YOUR
WINTER
STOCK !**

PACKED IN
2oz. TINS

●
SHOW OUTERS
OF 1 DOZEN

●
SHOWCARDS
AVAILABLE

● Bronchial	@ 9/- per doz.
● Catarrh	@ 9/- " "
● Children's Cherry Bark	@ 9/6 " "
● Cough	@ 9/- " "
★ Gee's Linctus B.P.C.	@ 10/- " "
● Glycerin & Thymol	@ 9/- " "
★ Menthol & Eucalyptol B.P.C.	@ 9/- " "

● Plus 33½% P. TAX

★ TAX FREE

ARTHUR H. COX & CO. LTD. EST 1839. BRIGHTON

StaffAllenS
FOUNDED 1833

DRUG EXTRACTS

FROM OUR OWN GROWN HERBS

BELLADONNA

- Ext. Belladonnae Viride, B.P.C.
- Ext. Belladonnae Viride, B.P. 1898
- Ext. Belladonnae Sicc., B.P.

HENBANE

- Ext. Hyoscyami Viride, B.P. 1898
- Ext. Hyoscyami Viride Pulv.
- Ext. Hyoscyami Sicc., B.P.

DIGITALIS

- Ext. Digitalis Viride
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- Ext. Digitalis Pulv.

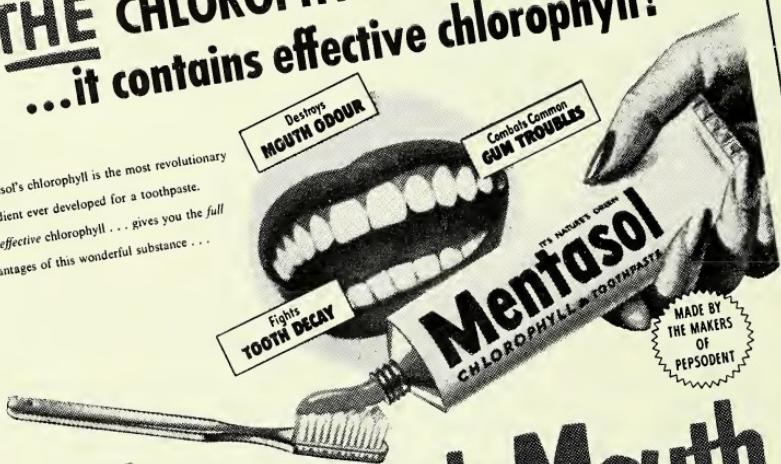


The close proximity of fields and factory on our Long Melford farms assures retention of the full therapeutic properties of the drugs.

UNEQUALLED ADVERTISING PRESSURE PROMOTES NEW **miracle-green** TOOTHPASTE

THE CHLOROPHYLL TOOTHPASTE
...it contains effective chlorophyll!

Mentasol's chlorophyll is the most revolutionary ingredient ever developed for a toothpaste. It is effective chlorophyll . . . gives you the full advantages of this wonderful substance . . .



**Clean Fresh Mouth
All Day Long!**

**Striking half-pages
in the Daily Express!**

Britain's best selling-medium — 4,000,000 circulation!

Equivalent pressure in all leading newspapers and magazines!

**HUNDREDS OF POSTERS!
NOVEL DISPLAY MATERIAL!**

MSTC6-1062-100

Now is the time to display this new chlorophyll toothpaste and ...

Watch the rising sales of

Mentasol

**THE CHLOROPHYLL
TOOTHPASTE**

Made by the makers of Pepsoden

WHAT IS CHLOROPHYLL?
Chlorophyll is a key substance. It is the life-giving factor in plants. Their remarkable power to produce their own food makes them unique among living things. It is given the name chlorophyll because it contains chlorine. Chlorine has many properties, especially those of a disinfectant. Pepsodent dentifrices developed a special toothpaste which contains chlorophyll. It is affected by the chlorine content and gives it a strong, pleasant odour and taste.

SURGICAL DRESSINGS

SPECIALISTS in the Manufacture of

**PURE WHITE ABSORBENT GAUZES,
AND BANDAGES**

Hospital and B.P.C./N.H.I. Qualities
Plain and Sterilised.



**WOVEN BLEACHED AND PACKED IN
OUR MODERN HYGIENIC FACTORIES**

AT

DUDLEY AND BLACKBURN



**SUPPLIERS TO GOVERNMENT DEPARTMENTS,
HOSPITALS, WHOLESALERS, ETC.**

Sanford
Manufacturing & Trading Company Limited
RUSSELL HALL • DUDLEY • WORCS

meet the Salesman

central figure in the new Corvette
Advertising Campaign



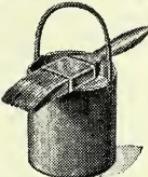
You'll like the Salesman. So will your customers! He's the new Corvette shipmate — a colourful, bright-an'-breezy character who is featured strongly in Corvette's new national advertising campaign which includes an extended list of newspapers and magazines and specially designed dealer aids.

What an attractive figure the Salesman makes — and what scope for eye-taking display! Give him a good showing — he's going to be a good salesman for you!

Corvette . . . Goya Men's Division

GREEFF CHEMICALS FOR EVERY TRADE

PAINT



FOODSTUFFS



MEDICINE



AGRICULTURE



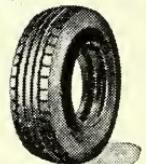
CONFECTIONERY



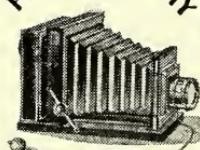
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RUBBER



PHOTOGRAPHY



R.W. GREEFF & CO. LTD.

12, FINSBURY CIRCUS, LONDON, E.C.2 Grams: GREEFF AVE LONDON. Phone: LONDON WALL 5241

Why you should Sell

WANDER BRAND

MALT & COD LIVER OIL

BECAUSE of its unsurpassed quality and its ready acceptance by the public, Wander Brand Malt Extract and Cod Liver Oil is a product which the pharmacist can recommend with full confidence, and in his own best interests.

Wander Brand Malt Extract and Cod Liver Oil is outstanding in its field and its pharmaceutical excellence is recognized by physicians. The Cod Liver Oil used is the best obtainable and the Malt Extract is specially prepared by A. Wander Ltd., who are leading authorities on its manufacture. These two ingredients are combined in the proportions recognized by the medical profession. With its attractive appearance and toffee-like flavour, Wander Brand Malt Extract and Cod Liver Oil is thoroughly enjoyed by children and adults.

NOTE—Also supplied, if required, with attractive labels bearing your own name.

Attractive showcards available

For further details write to:

A. WANDER LTD.

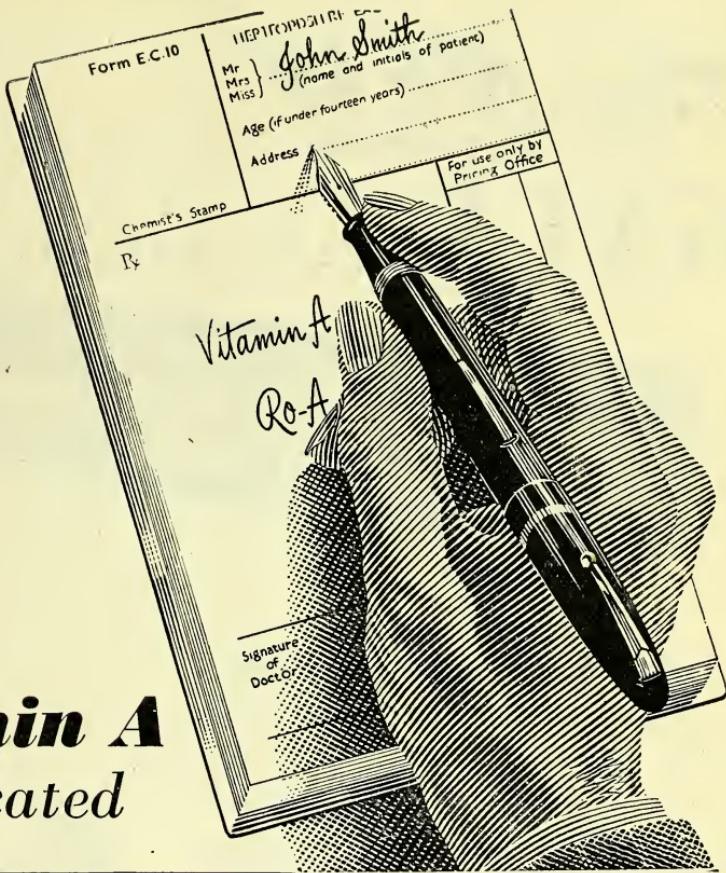
42 UPPER GROSVENOR STREET,
GROSVENOR SQUARE, LONDON, W.I.

On the

PATA

T.20





When vitamin A is indicated

'Ro-A-Vit' synthetic vitamin A, issued as tablets each containing 50,000 international units, is a potent and reliable preparation which can be used whenever vitamin A treatment is necessary.

A product of the Roche research organisation, it is the first synthesis of vitamin A to be carried out on a commercial scale. By prescribing 'Ro-A-Vit' physicians can be assured that their patients will receive reliable vitamin A treatment without the accompaniment of fish oils and their attendant side-effects.

INDICATIONS FOR VITAMIN A

Prophylactic treatment of frequent recurrent respiratory tract infections particularly in children.

Nyctalopia, xerophthalmia, photophobia, keratomalacia.

Phrynodermia, ichthyosis, pityriasis rubra pilaris, acne vulgaris, kraurosis vulvae.

Atrophic rhinitis, ozoena.

ROCHE PRODUCTS LIMITED

'Ro-A-Vit'

BRAND

TRADE MARK

SYNTHETIC VITAMIN A

PACKINGS 'Ro-A-Vit' tablets
50,000 i.u. in packings of 30 and 200

The NEW GALA NAIL COLOUR

SPECIAL 'LIMITED TIME ONLY'
**FREE REPLACEMENT OF OLD PACK
AT PRESENT PRICES**

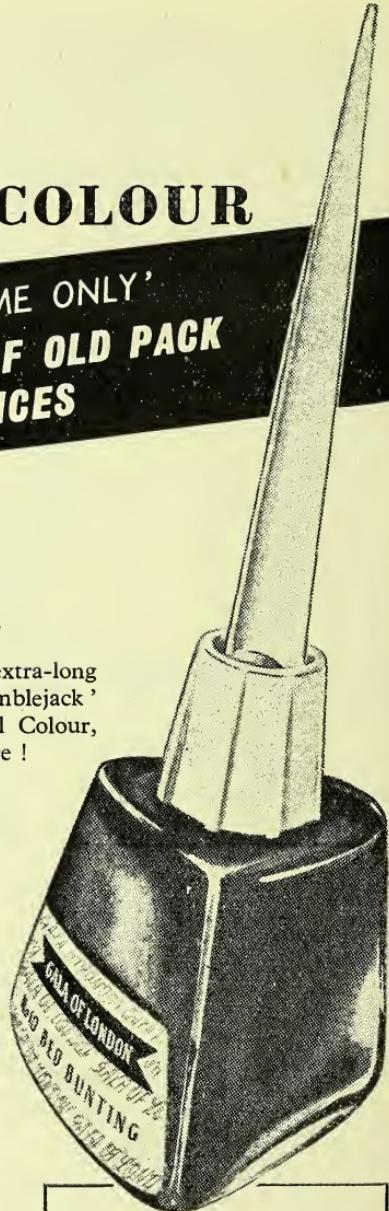
NEW PACK—NEW FORMULA

Elegant new triangular bottle with broad base and extra-long stem holds half as much again as the original 'tumblejack' bottle. And it contains a new, long-lasting Nail Colour, better than any other nail lacquer selling at *any* price !

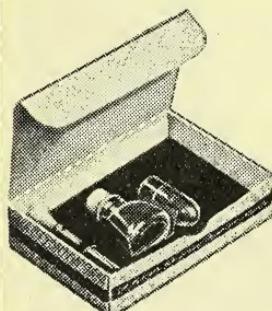
BIG ADVERTISING PROMOTION

A new idea—Nail Colour and matching Lip Colour in *miniature* . . . for use in a special publicity feature in "Woman" magazine, September 13. 500,000 sets will be distributed all over the country and will create immediate demand for the regular size. To back up this promotion,

press advertising will appear in the big-circulation magazines and the Daily Mirror. This is *big* publicity for the new Gala Nail Colour . . . cash in on it with counter and window display and take advantage of the special offer to replace your old stock *now*—free and at present prices. *Use the tear-out form opposite.*



The new pack
goes up in price to **5/-**
on September 28 :
except the Pearl
shades which remain at **6/6**



CUT OUT HERE

THE GALA UNIT-for-UNIT EXCHANGE OFFER CLOSES SEPT. 28 - BEFORE PRICE INCREASE

All you have to do is return your old stock, let us have details of the shades you want in exchange *on this form*, and agree to display the new bottle when received. Send this completed form, in the parcel with your old 'tumblejack' bottles, direct to :—

MYRAM· PICKER LTD, Surbiton, Surrey
(Distributors)

(available whether you bought direct or through a wholesaler)

We, the undersigned, return herewith the following Gala Nail Colour. *
(No need to mention shades returned—only totals)

UNITS, REGULAR (3/9)

UNITS, PEARL (6/6)

Please send us in exchange NEW NAIL COLOUR in the following shades:
(Carriage Paid)

UNITS	SHADE	UNITS	SHADE	UNITS	SHADE
	No. I. SEA CORAL		CREAM NATURAL		SILVER PEARL
	No. 10. RED BUNTING		CLEAR NATURAL		PINK PEARL
	No. 11. LANTERN RED		CASUAL		
	No. 12. HEAVENLY PINK		DEMURE		
	No. 3. CYCLAMEN				
	No. 5. YOUNG PINK				

Fill in any other shades required.

TOTAL

UNITS, REGULAR (3/9)

UNITS, PEARL (6/6)

* If present stock was obtained
through a wholesaler please
give name here : 

NOTE: Please order any additional quantities separately in the usual way

Name

Address

Signature

Note the price increase of Nail Colour to 5/- from September 28.
Pearl shades remain at 6/6

**Chemists
all over the
country**

Cash in on Coloral



Coloral — the new French Hair Colour rinse, has achieved new sales records every month since its introduction to this country last June. It is now, beyond question, an *established success* and tens of thousands of women are *regular users*. If you are not stocking COLORAL you are missing a quick selling line which will bring you *ever increasing profits*. The attractive cards, each carrying two rinses, have only to be shown to sell. Get a stock from your wholesaler NOW!

COLORAL

Liquid

HAIR COLOUR-RINSE

Regularly advertised in the leading Women's Magazines and on London's Underground.

Made in six shades—Burnished Gold, Auburn, Deep Brunette, Hazel Brown, Velvet Brown, Steel Blue.

In attractive display outers each containing two dozen cards.

Retail Price :

1/3 per card of 2 Rinses

TRADE PRICE : 6/- per dozen cards (plus 100% tax), in boxes of two dozen cards of any one shade or in a fixed assortment of two dozen.

Product of L'Oreal, Paris.

Packed and Distributed in Great Britain by

GOLDEN LIMITED • 2/4 DEAN STREET • LONDON • W.I GERRARD 4926

From first to last...

INTO the making of all B. W. & Co. compressed products for dispensing goes a lifetime of skill and experience. Firm, smooth and without blemish, strong to resist jarring in transit, yet quick to disintegrate in water, each product carries evidence of craftsmanship. B. W. & Co. Tabellæ retain their supreme qualities from first to last. Nor need you question the cost. All are offered at prices within the tariff figure.

'B.W.& CO.' TABELLÆ

FOR DISPENSING



BURROUGHS WELLCOME & CO. (The Wellcome Foundation Ltd.) LONDON

THE LEADERS IN THEIR FIELDS

MEGGESEON

PHARMACEUTICAL PRODUCTS



ON DISPLAY AT THE CHEMISTS' EXHIBITION

SEPTEMBER 29th TO OCTOBER 2nd.

STAND N^o 17

Meggeson & Co., Ltd., London, S.E.16.

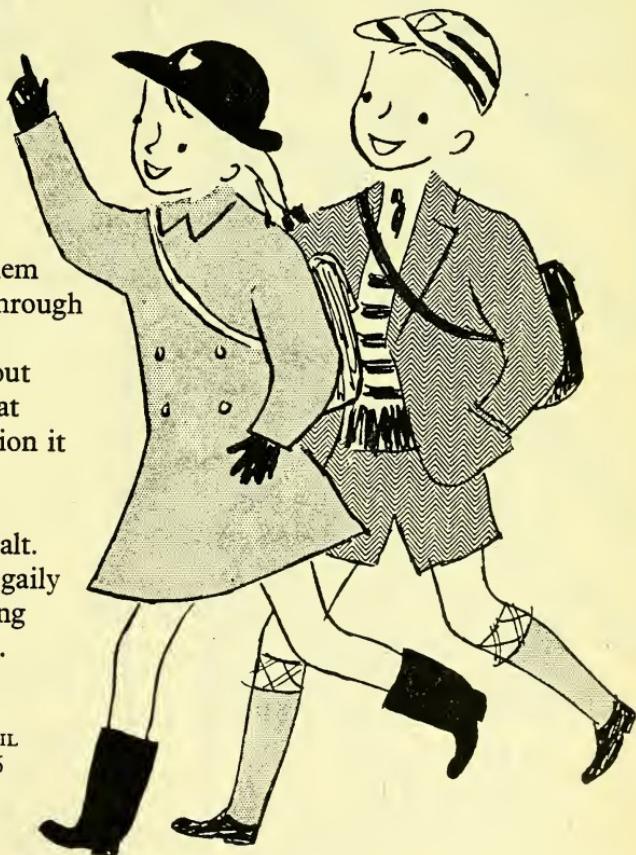
'RADIO-MALT'

for radiant health

At this time of year parents are thinking about their children's health. Children go back to school, fit from the holidays. How to keep them free from colds and ills through the coming months?

Wise parents know about Radio-Malt, recognise that children need the protection it gives.

This is the moment to remind them of Radio-Malt. Our new display unit—a gaily coloured cut-out measuring 10"x 9"—is now available.



	TRADE	RETAIL
Prices : 1 lb.	2/5½	3/6
" 2 lb.	4/2	6/-

Quantity terms on application

THE BRITISH DRUG HOUSES LTD. LONDON N.1



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Specialists
of*

SODIUM SALICYLATE B.P.

ACID SALICYLIC B.P.

*for
Over
30 years*

WARRINGTON CHEMICAL
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PADDINGTON WORKS, WARRINGTON, ENGLAND
'GRAMS, SALICIN, WARRINGTON, PHONE, WARRINGTON 2331-2

TUNGLOSE
BRAND
PURE MEDICINAL
POWDERED GLUCOSE
(Dextrose Monohydrate)

Ask your Wholesaler



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Works : Tunnel Avenue, Greenwich

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OF
RYE**

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prompt and forward

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and all other
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Essential Oils and Spices

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Gresham House, 24 OLD BROAD STREET, E.C.2

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Telegrams : "Ergotine, Stock, London"

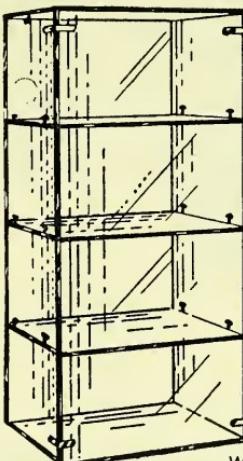
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CORKS, STOPPERS, BUNGS.

Telephone CAMPERDOWN STREET Royal 4922/3
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GLASS SHOWCASES



Frameless glass display cases with chromium fittings show off your goods to best advantage and assist quick counter service. (They also prevent pilfering.)

24" high x 12" wide
x 10" deep (2shelves)
85/-

30" high x 15" wide
x 12" deep (3 shelves)
110/-

Write to-day for details of other sizes which can be supplied from stock

Wm. POTTER & SONS

only address
Aldersgate Works, Felsham Rd., London, S.W.15
Telephone: PUTney 7711

GALIC ACID PYROGALIC ACID

(RESUBLIMED, PURE CRYSTAL AND TECHNICAL)

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80/85% B.P.

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Phellandrene . . .

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PHONE :
BLACKfriars
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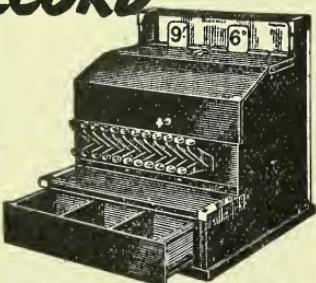
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When ordering Thermometers, insist upon
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WHERE'S YOUR
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CHEMICALS LTD.**

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We shall be pleased to quote for Perfume Sprays made to customers' samples, or we can offer standard patterns.

SAMCO Atomisers and Sprays differ from types in general use in that each model is a Scientific Instrument specially designed to handle all types of spraying compounds without the necessity to adjust the nozzle of the Instrument in any way.

Each instrument is manufactured and assembled to mathematically exact limits thereby assuring uniform performance.

Materials of the finest quality only are used and all components in direct contact with fluids are made of pure nickel, which is impervious to every known substance used in medical prescriptions.

All components are heavily chromium plated.

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OF SPECIAL INTEREST TO CHEMISTS AND OTHERS WITH SURGICAL DEPARTMENTS

For some time now we have been establishing Sales Agents in Great Britain and overseas. Vacancies for more are still available and applications are cordially invited.

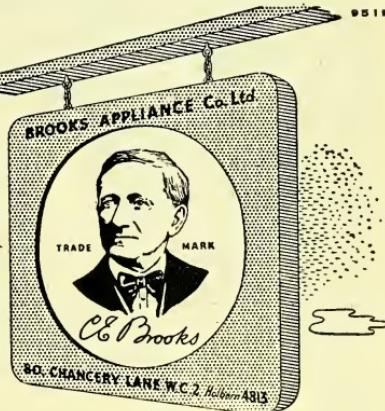
Our co-operation and terms are worth while investigating.

Today BROOKS is the largest organisation of its kind.

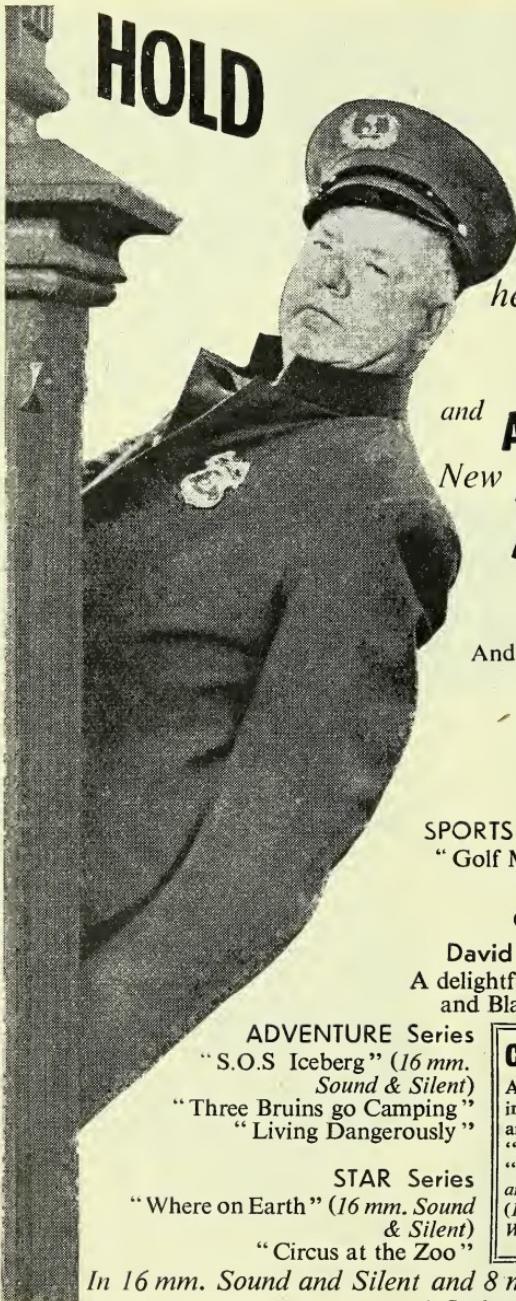
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HILTON CHAMBERS, HILTON STREET, MANCHESTER I. 66 RODNEY STREET, LIVERPOOL I



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ABBOTT & COSTELLO

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"RIOT ON ICE"

Movie-pak LAUGHS

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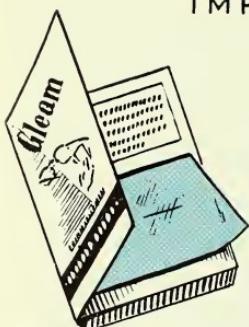
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IMPREGNATED **LENS TISSUE**



Everyone wearing spectacles is interested in the help that Gleam impregnated lens tissues give in improving vision, keeping lenses clean and preventing condensation.

Gleam's compact self-serve display container acts as its own salesman with no more than casual reference needed in support. Gleam Tissue is attractively packed in a neat vest pocket automatic dispenser which delivers each of the 50 sheets it contains ONE at a time. The display containers hold 48 vest pocket dispensers retailing at 6d. each. Send for a free sample for your personal use and order through your wholesaler or direct from

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Treforest Trading Estate, Pontypridd, South Wales, Gt. Britain

821

Firm Favourites *with all the family*

Every woman wants bathtime luxury and day long freshness—sell her delicately perfumed mildly medicated Cuticura Soap and Talcum Powder. Many of your customers have a "problem skin"—Cuticura Ointment is the perfect answer.

Baby loves the soothing comfort of mildly medicated Cuticura Soap, Talcum, Ointment. Recommend Cuticura for chafing and nappy rash, and convince all careful mothers that nothing else will do for baby's tender precious skin.

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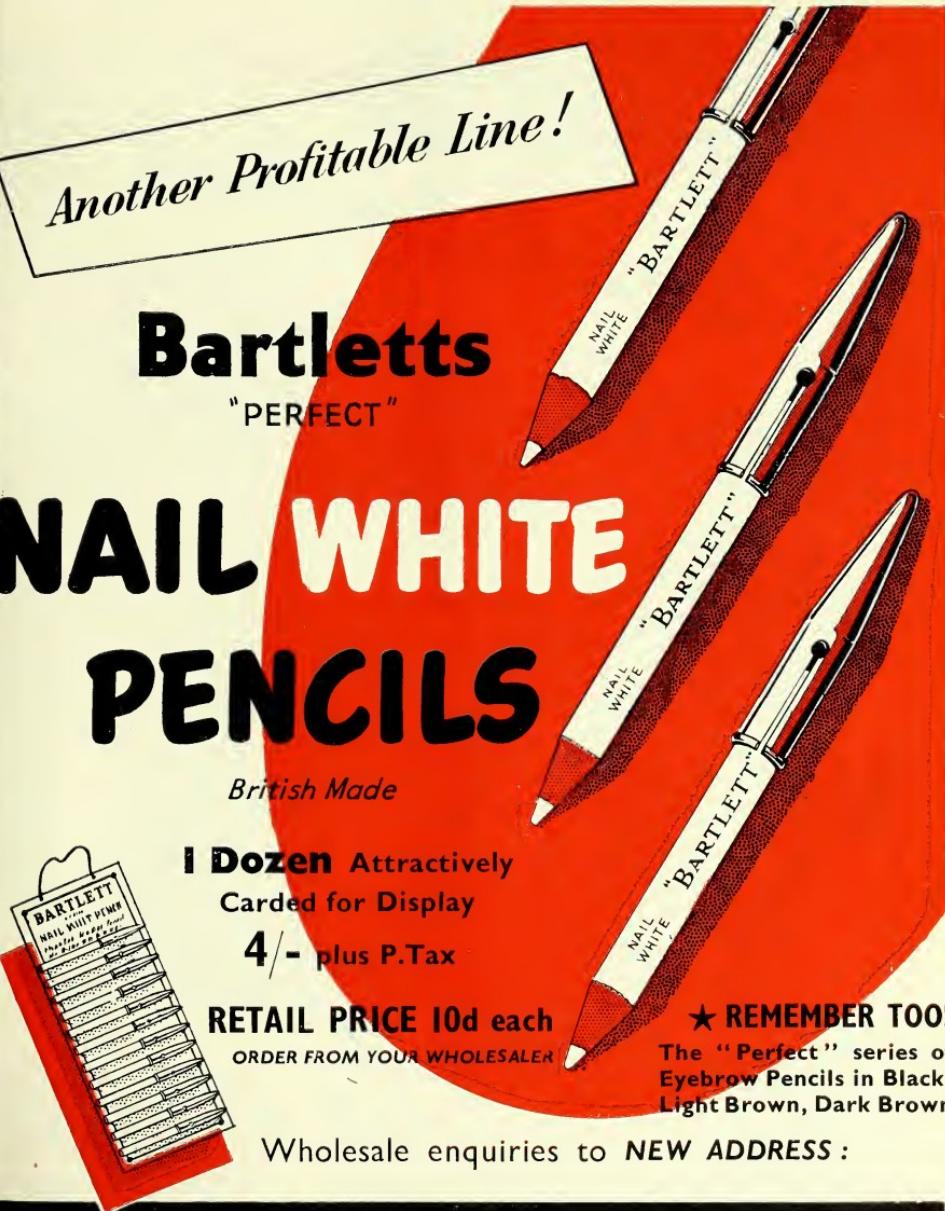
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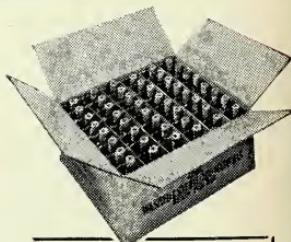
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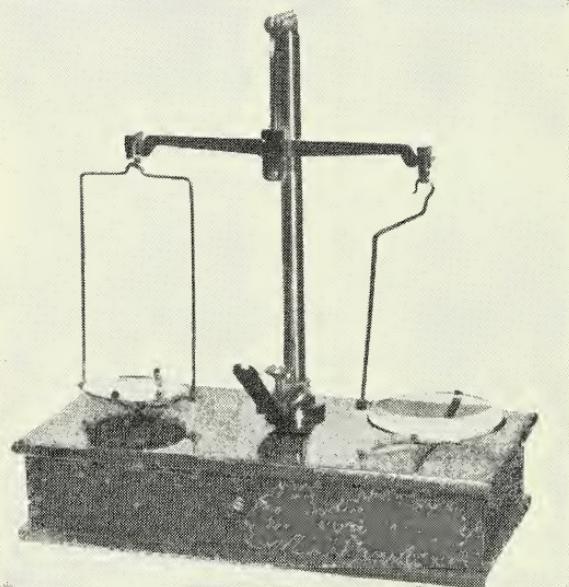
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2 oz.



Complies with
Weights & Measures
regulations



Guaranteed
for
12 months



Made of solid brass throughout, mounted on solid mahogany box and drawer. The beam is fitted with hardened steel knives, cadmium plated to prevent rust.

Sensitivity : $\frac{1}{3}$ Grain—Length of Beam : 7 ins.

PRICE:—Lacquered Brass £7.10.0
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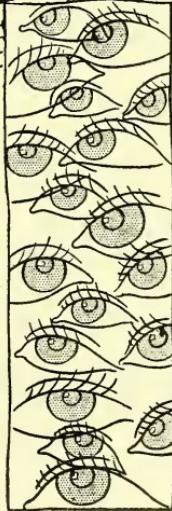
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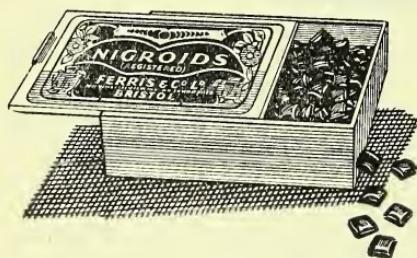
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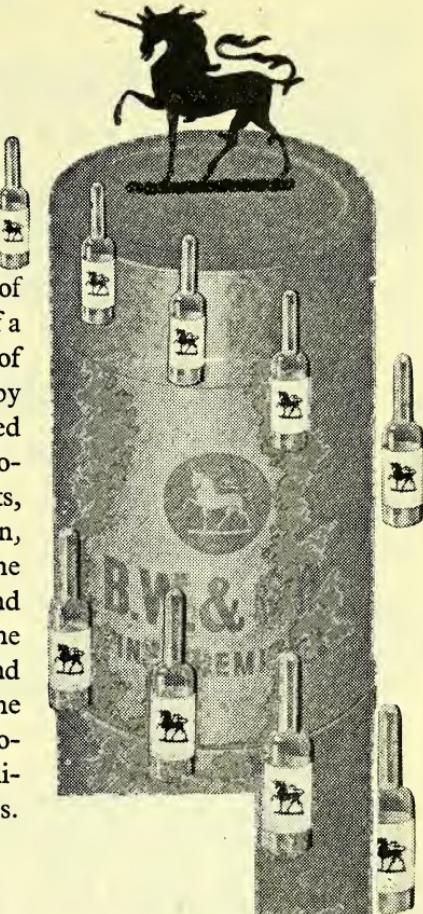
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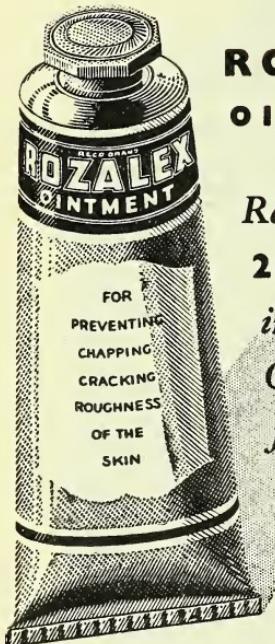


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keeps its satin-smooth creaminess on the
beach, in the home—and on your shelves!

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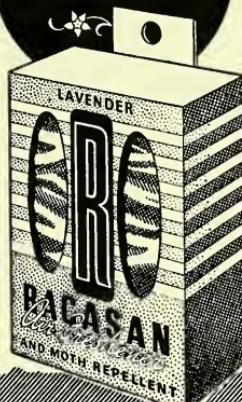
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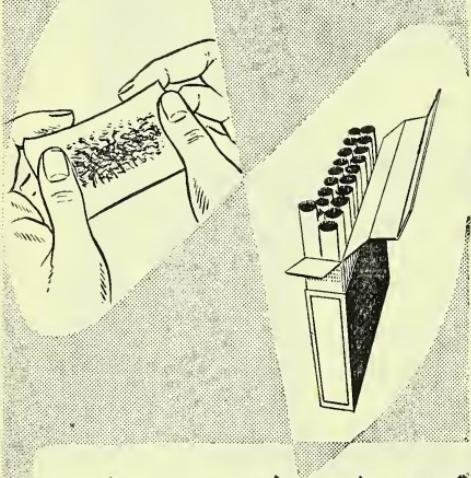
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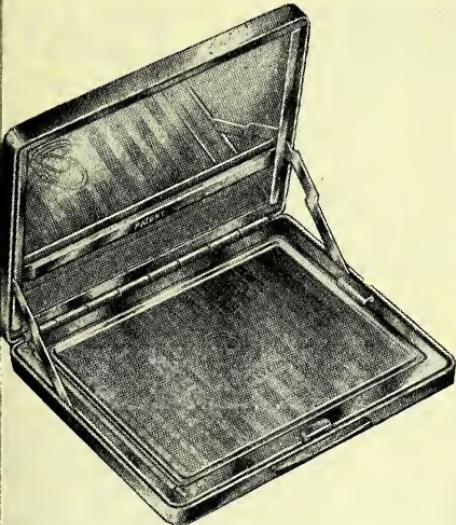
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AUTOMATICALLY CLEANS THE MIRROR
EACH TIME THE COMPACT IS OPENED
SELF-OPENING INNER LID

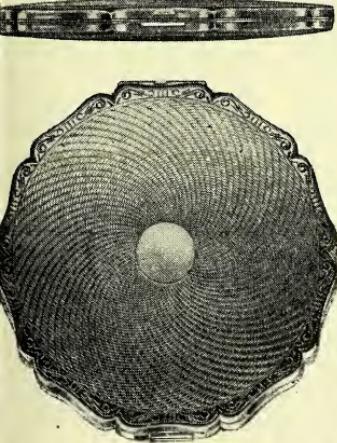


There is nothing to compete with the Stratton "Miraclean"—it rivets the attention of customers every time. Available in beautiful hand engine turned designs, Black or Ivory enamel or colourful floral patterns. $2\frac{1}{4} \times 2\frac{5}{8}$

Stratton Compacts are the ONLY Compacts with the patented self-opening inner lid—inner lid opens automatically as outer lid is raised. Prevents damage to finger nails.

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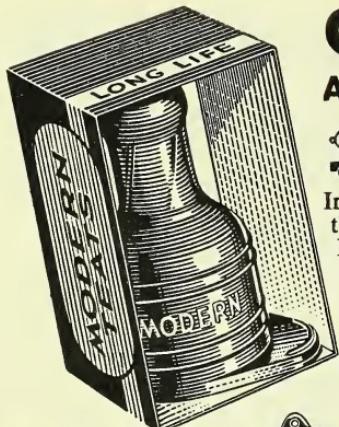


The "Princess" is a production of sheer beauty that will quickly inveigle its way into feminine hearts. It has an entrancingly designed scalloped edge and is so slim as to be almost unnoticed when carried. It is fitted with the Stratton patented self-opening and self-closing inner lid. In Gilt/Silver plated HAND engine turned contrast and a variety of other finishes. 3" diameter.

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THE CHOICE OF THE FIRST CLASS CHEMIST

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Trade 20/- dozen

Tax one-third

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THAT'S
PERMINEX
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PERMINEX is a powerful, persistent insecticide containing DDT. Packed in sealed "puff" tins, each individually cartoned, it comes to in attractive display outers containing 1 dz for window or counter display.

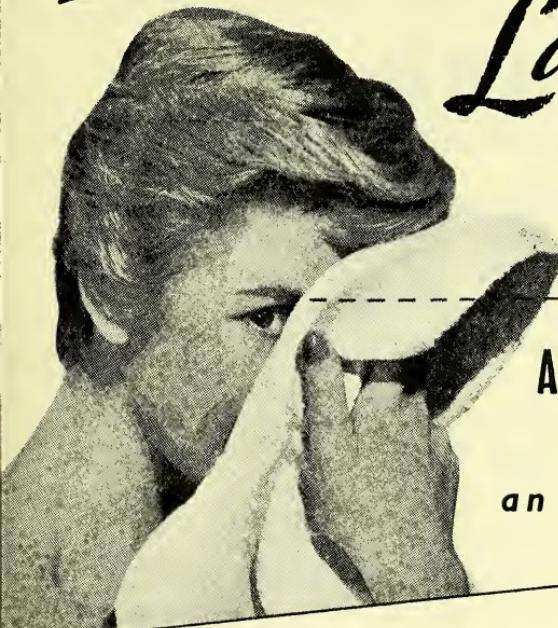
The patent blower in the bottom of each sprays the powder into crevices and holes wherever needed.

Perminex retails at 1/- per tin and shows profit of 33 1/3%. Minimum carriage paid quar 4 dozen tins.

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Bristow's Lanolin Soap



ADVERTISING

*is keeping
an eye on sales!*

You will see it in your papers, and millions of other people will see it too—large space Advertising selling the idea of a mild and gentle soap containing LANOLIN. So keep a Display Box of Bristow's LANOLIN Soap open on your counter. There's no better way of converting interest roused by Advertising into SALES. Show material available—see the Bristow's representative.

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SALON JAR (8oz.)	47/3d. per dozen plus purchase tax 15 9d, (Not for resale).

In Nervous Hyperexcitation
and Neurovegetative Dermatoses

CALCIBRONAT

(*calcium bromido-lactobionate*)

provides sedation, brings about undisturbed sleep and restores nervous equilibrium. Calcibronat allows a combined and synergistic calcium and bromide therapy devoid of any side-effects.

Calcibronat is also indicated in :

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**Sweetened Granules — Effervescent Tablets
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134, Wigmore Street,

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The CHEMIST AND DRUGGIST

for RETAILER — WHOLESALER — MANUFACTURER

SEPTEMBER 13, 1952

Published weekly at 28 Essex Street, Strand, London, W.C.2

Telephone: Central 6565 (10 lines). Telegrams: "Chemicus, Strand, London."

Single copies 1/- each. Annual Subscription, which includes *The Chemist and Druggist Diary and Year Book*, £2

Volume CLVIII

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NEWS OF THE WEEK

International Students' Camp, 1953.—The 1953 camp and conference of the International Pharmaceutical Students' Federation is being held at Leiden, Holland, in mid-August.

Retail Trade in July.—Board of Trade figures show that, for large retailers, values of sales of chemists' goods in July were 5 per cent. higher than in June and 7 per cent. higher than in July 1951. Figures for independent chemists were 11 per cent. higher and 2 per cent. higher respectively.

Dyestuffs Advisory Committee.—The new officers of the Dyestuffs Advisory Committee of the Board of Trade, the reconstitution of which was announced in April (*C. & D.*, April 19, p. 527), are:—Chairman, Sir William Palmer, K.B.E., C.B.; Deputy Chairman, Mr. E. J. Holford Strevens; Secretary, Mr. C. G. Hulse, Dyestuffs Office, Board of Trade, Horse Guards Avenue, London, S.W.1.

Nottingham Art Exhibition.—An exhibition in memory of the artist, the late Denholm Davis, staged at Nottingham Castle Museum, was open during the

period of the British Pharmaceutical Conference. Among the examples of Mr. Davis's work were a full-length portrait of Jesse Boot, first Baron Trent, founder of Boots, Ltd., and a portrait of Mr. E. S. Waring, who was his first branch manager (in 1884) and later a director of the company.

Census of Production Reports.—The following reports in the series of Final Reports on the Census of Production for 1948 are available from H.M. Stationery Office, Kingsway, London, W.C.2, from the dates and at the prices shown in parentheses: Toilet Preparations and Perfumery (Volume 2, Trade G) (September 9, price 2s.); Drugs and Pharmaceutical Preparations (September 16, price 3s.). Summaries of the reports will be published in the *C. & D.*.

T.U.C. Demand Abolition of Levy.—The Trades Union Congress, at its meeting held at Margate on September 2, unanimously approved a resolution calling for the abolition of Health Service charges. Dr. H. B. O. Cardew (general

secretary of the Medical Practitioners' Union) proposing the resolution said that every future Chancellor of the Exchequer would have the temptation to extend the charges. The charges were "unjust" and "objectionable" as they came out of the pockets of those least able to afford them. The decrease in prescriptions in June was at the rate of 30,000 per annum.

Veterinary Surgeons Order.—Persons holding the degree of Bachelor of Veterinary Medicine and Surgery (B.V.M.S.) of Edinburgh University are to be eligible for membership of the Royal College of Veterinary Surgeons; for registration in the Register of Veterinary Surgeons, and for membership of the Royal College of Veterinary Surgeons from October 1. The provisions are contained in an Order in Council dated September 1, and entitled The Veterinary Surgeons (University Degrees) (Edinburgh) Order of Council, 1952 (S.I., 1952, No. 1602).

World Labelling System Proposed.—The chemical industries committee of the International Labour Office which meets

in Geneva shortly will have before it a proposal for a standardised world system of labelling dangerous substances to avoid accidents in handling them. Simple but strikingly designed wordless labels in white and orange would be used so that even illiterate workers could understand them. Proposals for label designs include: An exploding grenade for explosive substances, a lighted match for inflammable substances, a skull for toxic substances, a corroded hand for corrosive substances, and a skull and crossbones against a radiant "R" for radio-active substances.

Jubilee Booklet.—To commemorate the fiftieth anniversary of the founding of the Viscose Development Co., a souvenir booklet has been issued which gives the history of the company since its foundation. The inventor of the viscose process, Charles Frederick Cross, in association with Mr. A. Pears, of soap fame, founded the company to operate all uses of his invention other than the production of spun yarn; rights in spinning having been acquired in the early days of the process by the late Samuel Courtauld, thus founding the giant rayon industry of to-day. Spontex sponges, also a viscose product, are referred to towards the end of the book.

LOCAL NEWS

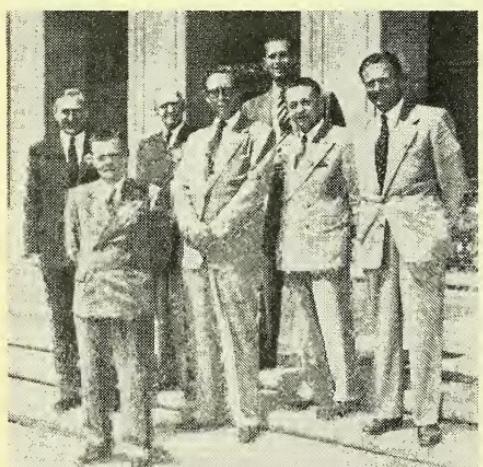
Leicestershire Pharmacy Robbed.—£700 was stolen when thieves broke into the pharmacy of George W. Smith (Enderby) Ltd., Leicester Road, Blaby, Leicestershire.

Careers Convention.—Boots, Ltd., are organising for the Public Schools Appointments Bureau a convention at which careers masters of public schools can discuss industrial opportunities for public schoolboys. The convention is being held in Nottingham, September 9-13, and the delegates are visiting a representative group of Nottingham industries, including fine chemical and pharmaceutical production.

SPORT

Golf.—EDINBURGH CHEMISTS' GOLF CLUB.—Competition over Luffness New, recently. Ongan prize: N. A. Stephen (2), 73; best scratch score: N. A. Stephen, 75. Club prizes: A. I. Graham (7), 75; J. H. Scott (8), 75; D. R. Keay (20), 75; F. Maloney (18), 78.

LONDON CHEMISTS' GOLFING SOCIETY, at Wealden Golf Club, Watford, on September 3: medal competition for Morny prize won by W. A. Attwood (18), 77 net. Bogey competition for Kerfoot trophy won by F. W. Dunnett (18).



COMMONWEALTH PHARMACISTS AT DETROIT.—Presidents of the Pharmaceutical Societies of Great Britain, Australia and New Zealand at the laboratories of Parke, Davis and Co., Detroit, U.S.A., after attending the August meeting of the American Pharmaceutical Association in Philadelphia. In the photograph with their host (vice-president W. R. Jeeves) are Messrs. H. N. Linstead (secretary, Pharmaceutical Society of Great Britain), J. Tristram (president), W. R. Cutler (president, Pharmaceutical Association of Australia and New Zealand), R. Rutter (president, Pharmaceutical Society of Queensland) and Charles Bell (president, Pharmaceutical Society of New Zealand).

TOPICAL REFLECTIONS

Conference Chairman's Address

Wise thoughts formed the material of the address of Mr. H. B. Mackie from the chair of the British Pharmaceutical Conference at Nottingham (pp. 329-32). This paragraph may appropriately be based on the chairman's observation that pharmacognosy "is pharmacy's specific and peculiar contribution to the cause of science." He insisted on "an adequate background of the chemistry of natural products," and desired an historical background, a knowledge of methods of cultivation, and the restoration of Latin to "its original place." The synergism of sciences is illustrated in his belief that galenical pharmacy is, and always has been, based on colloidal complications." Mr. Mackie made it clear that much research is needed on plant metabolism and its relation to galenical products. From another point of view the same theme was developed in the presidential address of Professor Meirion Thomas to the botany section of the British Association at Belfast on September 4. Physicists and chemists became indispensable, Professor Thomas said, when the parts of plants analysed by botanists had been sorted out. From the "Times" report I take a relevant passage: "The axiom was that transformations of matter and energy lay at the root of all biological events. Specific to every organism, or a component cellular part, was its total metabolism. . . . In the middle of the twentieth century we must admit that analysis of total metabolism into component fractional processes had not proceeded very far." Pharmacists are primarily interested in chemical changes that occur, or may occur, when drugs are used in manufacturing galenicals. A satisfactory synthesis from knowledge about separate reactions lies in the future.

Typical Monographs

Your report on Conference monographs (pp. 333-40) shows, as far as it has gone, that they conform to the modern type of such research. The committee or sub-committee responsible for the sequence has so planned it that different kinds of subject follow each other, thus obviating monotony. "Emission Spectrography," which may be described as pure science, is preceded by "Hydrocyanic Acid in Chlorodyne," an analytical paper that even a young student should be able to under-

stand without much study. The suggestion, in the discussion on that paper, that hydrocyanic acid might well be omitted from chlorodyne has my entire assent. About thirty years ago a patient received from a doctor's surgery a "try-out" mixture containing bismuth carbonate and tincture of chloroform and morphine. The effect of the first dose was so alarming that subsequent doses were cut by one-half. The unpleasant effect of the hydrocyanic acid may have been due to the dose of chlorodyne being too high, or merely to idiosyncrasy; but the incident supports the Conference speakers' preference. In contrast the paper and discussion on the pharmacology of PAS deal with toxic reactions arising from a substance newer to medicine. I look forward to reading the rest of these abstracts and discussions.

Common Sense Wins

The United States' reversal, by legislation, of the banning of price protection (p. 350) is a victory for common sense. A year ago, you point out (p. 328), "an orgy of price cutting" was worrying traders in New York and elsewhere. The United States Supreme Court cannot be blamed for its interpretation, last year, of a previous statute: the harm since done was inherent in that statute. The delivery of the judgment, however, turned out to be a signal for the outbreak of a price war on lines familiar in Great Britain more than seventy years ago. Mr. William Johnston, in his authoritative account of the founding of the Proprietary Articles Trade Association (*C. & D.*, 1946.I.332), suggested "the early eighteen-seventies" as the period when price cutting of proprietary medicines began, adding that it was just beginning in Sheffield in 1878. No doubt the onset varied from district to district according, let us say, to the prevalent degree of cunning. As I mentioned in the *C. & D.* of March 23, 1946, retail chemists doing an average trade in the 'eighties sold some proprietary goods for cash at or just below actual cost. They might have been able to charge higher prices than these to ledger customers, or they might not. The new American law will hearten sellers of such goods in this country, and will supply them with fresh ammunition in the event of a threat to the present system becoming imminent.

Xrayser

NEW COMPANIES

VENADRIN, LTD. (P.C.)—Capital £100. To carry on the business of manufacturers of and dealers in chemicals, drugs, medicines, etc. Joshua Wilson and Lewis Phillips, directors. R.O.: Atlas Chambers, King Street, Leeds.

J. A. LAVEROCK, LTD. (P.C.)—Capital £5,000. To acquire the business of a dispensing chemist carried on as J. A. Laverock, at 124 Dock Road, Tilbury, Essex. Jeanie L. Laverock and Donald W. Grinstead, M.P.S., directors.

P. SAVILLE (CHEMISTS), LTD. (P.C.)—Capital £2,000. To carry on the business of wholesale and retail chemists and drugists, etc. Rachel Saville and Peter Saville, M.P.S., 70 Regents Park Road, London, N.3, directors.

OVERTON & PICKUP, LTD. (P.C.)—Capital £2,000. To carry on the business of manufacturers of and dealers in chemicals, medicines, etc. Walter F. Pickup, M.P.S., Anthony H. Overton, M.P.S., and Daphne P. Oxley, M.P.S., directors. R.O.: 19 Broadway Parade, Coldharbour Lane, Hayes, Middlesex.

FISONS (EAST AFRICA), LTD. (P.C.)—Capital £100. To carry on the business of exporters and manufacturers of fertilisers and chemicals of all kinds, etc. C. A. Gibbons and Victor A. Cowan, subscribers. First directors are to be appointed by the subscribers. R.O.: 143 Fenchurch Street, London, E.C.

Company News

EUCRYL, LTD.—Mr. F. L. Woolley has resigned from the board of the company.

T. & H. SMITH, LTD.—Group trading profit for the year ended March 31 was £387,380 (against £502,295 in the previous year) and net profit, £148,374 (£211,752). The ordinary dividend is 10 per cent. on £500,000 (10 per cent. plus 7½ per cent. on £300,000), and reserve for research and development, £30,000 (nil).

Voluntary Liquidations

LATTERS, LTD., retail chemists, 14 Beach Road, Westgate-on-Sea, Kent. Liquidator: Mr. F. P. Walker, 34 Mayfield Road, Bickley, Kent.

WHITFIELDS (SCARBOROUGH), LTD., retail chemists. R.O.: 36 St. Nicholas Street, Scarborough. Liquidator: Mr. W. S. Marshall of the same address.

LEGAL REPORT

Alleged Traffic in Hair Cream. Bradford city court, on August 27, found Bradford employees of British Road Services pleaded guilty to offences in connection with an alleged "traffic in hair cream" operated by them. Each was fined £20, but given one month in which to pay or the alternative of two months' imprisonment. They were Eric Wade, motor driver, charged with stealing seven cartons, value £31 10s., William Haydon, driver's mate, similarly charged, Alfie Sellers, charged with stealing three cartons, value £13 10s., and George Gladstone Masterman, charged with stealing four cartons, value £10. In addition, Masterman was charged with receiving two cartons value £18. The prosecution stated that the police had discovered that certain drivers were trafficking in hair cream. When questioned by the police, they admitted the charges. The inquiries were stated to have been difficult, for while the police had certain information as to where the hair cream had gone, it was a commodity difficult to trace, and might have been used in many houses throughout Bradford. The chairman of justices considered that it was pathetic to see such men in the dock on charges of pilfering, adding that but for their previous good character they would have all gone to prison.

BUSINESS CHANGES

Appointments

MR. M. DOMBROW, B.Sc., B.Pharm., Ph.C., A.R.I.C., has been appointed senior lecturer in pharmaceutical chemistry, Charing Cross School of Pharmacy, London.

NOMA COSMETICS, LTD., Great Western Road, Isleworth, Middlesex, have appointed Mr. R. M. Robinson their assistant sales manager from September 1.

MAX FACTOR HOLLYWOOD & LONDON (SALES), LTD., 16 Old Bond Street, London, W.1, have appointed Mr. R. J. Hamm to represent them in South and South-west Scotland.

KODAK, LTD., Wealdstone, Harrow, Middlesex, have appointed Mr. C. P. S. Palmer general branch manager of the wholesale, retail, and developing and printing branches in Dublin; and Mr. W. T. Elgar general manager of their wholesale and developing and printing branches in Newcastle.

BIRTH

NELSON. — At a Glasgow hospital, on September 2, to Helen, wife of Peter Frederick Nelson, M.P.S., Crenatula, 53 Wright Street, Renfrew, a son (Peter Frederick).

MARRIAGE

FINCH—TRURAN. — At Llandaff Cathedral, Llandaff, Glam, on August 27, Clifford Peter Finch, M.B., B.S.(London), son of the late Mr. Clifford Charles Finch, M.P.S., Ipswich, to Joyce Alison Truran, Llandaff.

DEATHS

ADAMSON. — At Grianán Enniscrone, on September 2, Ellen Adamson, wife of Mr. William John Adamson, M.P.S.I., The Pharmacy, Ballina, co. Mayo, Eire.

ARDEN. — On August 25, Mr. Lawrence Arden, 51 Braemore Road, Hove, aged eighty-eight. Mr. Arden qualified as a chemist and druggist in 1888 and passed the Pharmaceutical Chemist examination in 1889.

BARNES. — At Rugby, recently, Mr. Arthur Swaby Barnes, Rugby. Mr. Barnes qualified as a chemist and druggist in 1898.

HANNA. — At his home on September 1, Mr. Victor Ernest Hanna, M.P.S.I., 65 Lansdowne Road, Dublin. Mr. Hanna qualified in 1902. He was a life member of the Pharmaceutical Society of Ireland.

TOPPING. — At her home recently, Mrs. Mary Alice Topping, 205 Windleshaw Road, St. Helens. Mrs. Topping was the daughter of the late Mr. J. W. Jackson, who was registered as a chemist and druggist in 1868. He was the proprietor of a business at 32 Westfield Street, St. Helens, Lancs, which Mrs. Topping took over after his death and conducted as a limited company (Jacksons (St. Helens), Ltd.), until her retirement. The superintendent of the company is Miss Jessie Topping, M.P.S.

PERSONALITIES

MR. SIDNEY J. RELPH, Ph.C., A.C.T. (firm.), has been appointed visiting teacher of pharmaceuticals at the school of pharmacy of the University of London. He tends to study there for his B.Pharm. degree. Mr. Relph has also been appointed to the Forest Health Area subcommittee of the Essex County Council.

MR. E. W. GODDING, M.P.S., London, is the author of an article entitled "Driving at Night" published in the summer issue of "Vision." It deals with the adaptation of vision between light and dark conditions, particularly as it affects motor driving.

MR. R. E. PARRY, M.P.S., F.S.M.C., who was recently elected president of the Manchester Pharmaceutical Association, is the proprietor of two retail pharmacies in Manchester. Mr. Parry was apprenticed in 1902 to Phillips & Son, Newport, Mon, and qualified as a chemist and druggist in 1909. He then was employed by Mr. H. Kemp, Chorlton-cum-Hardy, Manchester, and acquired his first own pharmacy in 1921. He gained his optical qualification in 1926 and opened a second pharmacy in 1931. He is a member of the committee of the Manchester Branch of the Pharmaceutical Society and of the local branch of the National Pharmaceutical Union. His eldest son, Mr. R. G. Parry, M.P.S., is associated with him in business. His two other sons lost their lives in the 1939-45 war.

WILLS

MR. G. GARDINER, M.P.S., Brimlaw, 12 London Road, Tonbridge, Kent, left £4,017 (£3,237 net).

MR. H. HEATON, M.P.S., 220 Scholes, Wigan, Lancs, left £7,710 (£7,194 net).

MR. W. J. SCATTERGOOD, M.P.S., 19 Park Valley, The Park, Nottingham, left £26,028 (£24,097 net).

MR. H. GIBSON, M.P.S., Swn-y-Mor, Great Ormes Road, Llandudno, Carnarvon, left £3,991 (£3,247 net).

MR. W. A. SHAW, M.P.S., 53 High Street, Harborne, Birmingham, left £11,876 (£8,249 net).

MR. J. LOCKWOOD, M.P.S., 30 Lawn Road, Burley-in-Wharfedale, Leeds, Yorks, left £3,209 (£3,154 net).

COMING EVENTS

Tuesday, September 16

WEST MIDDLESEX CHEMISTS' ASSOCIATION and BRANCH, Feathers Hotel, The Broadway, Ealing, London, W.5. Dr. K. R. Capper (editor, scientific publications department, Pharmaceutical Society) on "The New National Formulary."

Wednesday, September 17

BIRKENHEAD AND WIRRAL PHARMACISTS' ASSOCIATION, Prenton Hotel, Birkenhead, at 8 p.m. Address by Mr. R. E. Cocking (British Association of Therapeutic Hypnotists).

DUNDEE AND EASTERN SCOTTISH and EDINBURGH AND SOUTH-EASTERN SCOTTISH BRANCHES, PHARMACEUTICAL SOCIETY, Carlton Restaurant, White Causeway, Kirkcaldy, at 6.15 p.m. Mr. W. R. Roberts (the Pharmaceutical Society's chief inspector) on "Recent Developments in Legislation Affecting the Practice of Pharmacy."

TRADE

NOTES

Counter Packs at Dispensing Prices.—Skuse & Co., Ltd., 839 Harrow Road, London, N.W.10, give details on another page of their counter packs of zinc and castor oil, B.P.C., at dispensing prices.

Change of Agency.—Allen & Hanburys, Ltd., relinquished to Sangers, Ltd., 258 Euston Road, London, N.W.1, on September 5, the agency for Vapo Cresolene products in the United Kingdom.

Distribution in England.—Crème Simon (Distributors), Ltd., 31A-32A Bedford Street, Strand, London, W.C.2, are now marketing *Parfums Revillon* in this country, and hold stocks in London of *Carnet De Bal* perfume.

Name Changed.—Herts Pharmaceuticals, Ltd., Welwyn Garden City, Herts, announce that the company's brand of para-ethylsulphonyl-benzaldehyde thiosemicarbazone has been changed to Ethicetazone (it was formerly known as Ethizone).

Price Reduced.—Purdy Machinery Co., Ltd., Euston Buildings, Gower Street, London, N.W.1, announce that the basic prices of their Junior labeller have been reduced, the short-stroke model from £240 to £209, and long-stroke model from £250 to £219.

Holiday Closing.—The offices of T. & H. Smith, Ltd., Blandfield Chemical Works, Wheatfield Road, Edinburgh, 11, will be closed from Friday evening, September 12, to Tuesday morning, September 16. The London office will remain open for inquiries.

Agents in the United Kingdom.—Moorgate Produce & Chemicals, Ltd., 17 Basinghall Street, London, E.C.2, have been appointed United Kingdom agents for Carbon, G.m.b.H., Lübeck-Schlutup, Germany, producers of d (+) xylose purissimum. Additional sugar species and sugar combinations are planned for future production, including d-galactose; l-arabinose; d-mannose; laevulose. Messrs. Carbon, G.m.b.H., will consider producing other sugars likely to interest U.K. users.

"Prescription Model" Sunlamp.—Hanovia Ltd., Slough, Bucks, announce the addition to their range of sunlamps intended for domestic use of a "prescription model 7" lamp, with separate ultra-violet and infra-red ray sources in a single 11-in. circular paraboloid reflector. Each source has its own switch on the base of

the lamp, and the model, which is finished in oyster-green enamel, is mounted on a light telescopic stand with a castor-fitted tripod base giving vertical "travel" up to 5½ ft. The lamp operates on either A.C. or D.C. mains.

Reorganised.—The Vernon Porter Organisation, Felbrigg, Empress Avenue, Woodford Green, has recently been re-organised, and now engages in the following activities:—Packaging; layouts and copy for catalogues; product design; display; printed leaflets and brochures, and the supply of distribution information. Messrs. Porter claim to be the only organisation specialising in the supply of up-to-date distribution information—"certainly so far as the chemists' trade is concerned." A "Merchandise Information Please" service introduces manufacturers, their services or their products at high level to wholesalers, multiples, retail chemists or shippers, according to the policy and need of the client.

Mineral Spring Centenary.—The Apollinaris Company, 52 Lincoln's Inn Fields, London, W.C.2, is celebrating its centenary. The Apollinaris spring is situated at Bad Neuenahr, in the valley of the Rive Ahr, Germany. In the autumn of 1851 a local vineyard owner, Georg Kreusberg, noticed that at one particular spot in his vineyard the vines grew stunted and repeatedly withered. He had a geologic examination made and learned that the poor condition of the plants was due to carbon dioxide with which the ground was impregnated, probably from a subterranean spring. After sinking many shafts and borings he finally discovered, in 1851 at a depth of 50 ft. a powerful and climbing spring with gaseous and solid mineral contents. Kreusberg eventually succeeded in bringing the water to the surface in its original pure state. The spring was named after St. Apollinaris, who is said to have been ordained by St. Peter himself as the first missionary to Ravenna in the Adriatic sea. His remains were taken to Germany. Nearly seven hundred years later, the spring was given the name Apollinaris. Kreusberg formed a mineral water company to market the water, and in 1873, two London merchants, Edward Steinkopff and George Smith, secured concession for selling it and formed a company to market Apollinaris throughout the rest of the world.

NEW PRODUCTS AND PACKS

Additions to Range.—Pond's Extract Co., Ltd., Wadsworth Road, Perivale, Middlesex, have added to the Pond's range of preparations a dry skin cream and a handy pack of Pond's tissue hankies.

Nail Pencils.—On another page Alfred Franks & Bartlett Co., Ltd., 226 Gray's Inn Road, London, W.C.1, announce the introduction of Bartlett's Perfect nail pencils.

New Pack and New Formula.—Myram Picker, Ltd., Surbiton, Surrey, announce on other pages of this issue the issue of Gala nail colour in a new pack and made to a new formula. The triangular bottle adopted is illustrated, and an order form is included.

Chloramphenicol Eye Drops.—Allen & Hanburys, Ltd., Bethnal Green, London, E.2, have introduced a solution of Alficetyn (chloramphenicol) for eye drops. The solution contains chloramphenicol, B.P., 25 mgm., in a borate buffered base in cartoned dropper bottle.

Isoprenaline Sprays.—Burroughs Wellcome & Co., 183 Euston Road, London, N.W.3, announce the issue of spray of isoprenaline sulphate, B.P.C., and compound spray of isoprenaline sulphate, B.P.C., both of which are available in plastic screw-capped bottles of 1 fl. oz.

Intravenous Iron Preparation.—Evans Medical Supplies, Ltd., Speke, Liverpool, 19, are introducing on September 13 a saccharated iron oxide preparation for intravenous administration: Colliron I.V. It is standardised to contain 100 mgm. Fe per 5-mil ampoule.

Diabetic Table Jelly.—Archway Laboratories, Ltd., 182 Albion Road, London, N.16, have introduced for the use of diabetic patients Jalline unsweetened table-jelly powders of pure vegetable origin in lemon, orange or raspberry flavours as well as unflavoured. Jalline is packed in cartons of 4 doz. assorted flavours.

Pulse Timer.—Day-Impex, Ltd., Progress Works, Progress Road, Eastwood Industrial Estate, Southend-on-Sea, have produced in the Pulsotimer a 30-sec. timer-glass for checking the heart rate. The Pulsotimer is supplied with 12-in. white tape and safety pin for fixing to the top pocket of a nurse's uniform. It is sent out individually cartoned in display box of thirty-six. A 15-sec. model is also available.

Electric Blanket with Bedside Control.

—The Warm Glow Co., Ltd., Leigh-on-Sea, Essex, have introduced in the Vigilux Electric Blanket "the only blanket control which is infinitely variable, self-compensating, and sensitive to bed and body temperatures." The Vigilux has all the luxury features of the earlier Warm-Glow single-heat blanket—*plus* finger-tip bedside temperature control, two-pole switching, dial illumination, etc.

Synthetic Muscle Relaxant.

—Pharmaceutical Specialities (May & Baker), Ltd., Dagenham, Essex, announce the availability of Brevidil E brand suxethonium bromide and Brevidil M brand suxamethonium bromide, each a synthetic muscle relaxant characterised by brief duration of action. Injected intravenously, they produce profound relaxation of voluntary muscle. Both are rapidly hydrolysed in the body, the relaxant action of Brevidil E being exerted for 2-4 minutes after a normal dose, and that of Brevidil M for 3-5 min. Administered intravenously, they are claimed to be practically devoid of side-effects. Brevidil E is supplied in boxes of 10 x 150 mgm. (equivalent to 100 mgm. cation) and multi-dose containers of 750 mgm., Brevidil M in boxes of 10 x 60 mgm. (equivalent to 40 mgm. cation), and multi-dose containers of 30 mgm.

Single-dose Disposable Cartridges.

Boots Pure Drug Co., Ltd., Nottingham, announce the introduction of Viules (single-dose, disposable cartridges of injection solutions ready for immediate use in an all-metal syringe). The innovation makes possible a simple, efficient and inexpensive injection technique in which syringe replacements, cleaning and sterilisation procedures are reduced to a minimum. Preparations available in Viules include atropine sulphate, gr. 1/100 (1 c.c.); methyl amphetamine, 30 mgm. (1.5 c.c.); morphine sulphate, gr. 1/4 or gr. 1/3 (1 c.c.); nicotinamide, 50 mgm. (1 c.c.); nikethamide, B.P. (2 c.c.); pethidine hydrochloride, 50 mgm. (1 c.c.) and 100 mgm. (2 c.c.); and procaine penicillin (oily injection) 600,000 units (1.5 c.c.). Additions to the range will be announced shortly. A suitable all-metal syringe for use with Viules, the Mitrex syringe, manufactured by the Medical and Industrial Equipment, Ltd., is available from Messrs. Boots or from wholesalers.



BRITISH PHARMACEUTICAL CONFERENCE

NOTTINGHAM 1952



Conference Banquet

ABOUT 560 guests and members attended the Conference banquet held in Nottingham on the evening of September 3. They were welcomed on arrival by the Conference chairman (Mr. H. B. Mackie) and Mrs. Mackie, and by the Conference president (Alderman W. J. Tristram). At the place of each lady had been laid a box of handkerchiefs decorated with Nottingham lace—a present from the Conference Local Committee.

Proposing the toast "The City of Nottingham," THE PRESIDENT paid tribute to the City's accomplishments in health, welfare and housing services.

The LORD MAYOR OF NOTTINGHAM (Councillor Leon H. Willson) responded.

"The British Pharmaceutical Conference" was proposed by the Minister of Health (the RT. HON. IAIN MACLEOD, M.P.). His appointment as Minister, he said, almost four months previously to the day, had been called the most remarkable appointment since Caligula created his horse a consul. There were those, possibly including some present, who believed that between himself and Caligula's horse it was a photo-finish.

He thought the most inspiring section of pharmaceutical development was the science of antibiotics. Some of the discoveries had come too fast, and there had not been time to assess the potentialities of one antibiotic before another was "treading on its heels." Sometimes there was left behind a trail of unsuspected results. Tremendous hope arose from the ceaseless fight against ill-health. All, including the Minister himself, needed reminding that there were more important things than whether the container charge should be 1½d. or 1¼d. As a new Minister of Health he regarded as his first duty to earn and then claim the help of all the learned and healing professions. He coupled with the toast the name of the chairman—a teacher "whose reputation, national and international, had been built up in his adopted home of Brighton."

Replying, MR. MACKIE said that he understood that Mr. MacLeod was a Gaelic

speaker. He would like everyone to imagine he was speaking in Gaelic in which case he would say to Mr. MacLeod something like this: "You may have imagined, Mr. MacLeod, that we invited you here tonight in order to try and do a little good for pharmacy, and if you did have such a suspicion you would be quite right." He would tell the Minister of Health how to build a hospital. "You must erect a magnificent pharmacy department; staff it adequately and to crown it add on a few wards, etc."

Nearly forty years earlier the British Pharmaceutical Conference had been held in Aberdeen. As a boy at that time he had thought he would like to be chairman of the British Pharmaceutical Conference but the only way was first to become a pharmacist. Thanking the Minister of Health for his address he assured him that pharmacy as a craft would be wholly behind him.

MR. B. A. BULL (a vice-chairman of the Conference) proposed "The Guests," the VICE-CHANCELLOR of Nottingham University (Mr. B. L. Hallward) replying. The VICE-CHANCELLOR paid tribute to Mr Bull as "a distinguished member of the company that had such close associations with the University." Without the help of Sir Jesse Boot and the present Chancellor (Lord Trent), he said, there would have been no university today. He himself had once claimed something of classical scholarship. *Pharmakon* to the Greeks had meant four different things: A curative drug, a poison (and some present-day drugs became lethal at twice their therapeutic dose); a cosmetic (and he saw a formidable array of those in some pharmaceutical establishments); and a love philtre. He and his wife had shaken hands with over 500 of the Conference members and as he saw their lovely wives and daughters he realised they did not need love philtres. The profession of pharmacy faced certain dangers. There were many signs today of a flight into unreason, and pharmacists would be in an important position to decide what were useful and what were bogus drugs.

All-day Excursion

THIRTEEN coaches set off from Nottingham University at about 9.45 a.m. on September 4 carrying members of the Conference on the all-day excursion among the hills and dales of Derbyshire. The route lay at first through red-bricked streets in the coalfield areas of Nottinghamshire and Derbyshire, but gave way beyond Ripley to steeply rolling country of millstone grit. For many miles it followed the wooded Derwent valley, in due course to enter the limestone gorge where Matlock lies. From Matlock the coaches passed to the open parkland around Chatsworth House (residence of the Duke of Devonshire). Again the countryside changed, this time into rolling plateau, chequered for sheep grazing by dry-stone walls. The party made a halt at Monsal Head to look down on the riverscape below or—attracted by the sign "visitors and hikers welcome"—to seek refreshment at the bar of the inn. Lunch was taken at Buxton Pavilion.

After lunch the party set out for Birdsgrove House, passing close to Bunster and Thorpe Cloud hills marking the entrance to Dove Dale. At Birdsgrove the party was received by Mr. E. A. Brocklehurst (chairman of the Birdsgrove House Committee), Miss M. C. Jones (warden), Messrs. O. Beeby and E. M. Mellor and other members of the Ashbourne Branch of the Pharmaceutical Society. The party divided, one half to take tea in the marquee in the grounds, the other to look first over the house and grounds and await the second sitting for tea. At the suggestion of Mr. H. W. Gamble (president of the Pharmaceutical Society of Northern Ireland) a combined choir of Scottish, Irish and Welsh pharmacist singers under the direction of Mr. S. Hughan (vice-chairman of the Glasgow Branch of the Pharmaceutical Society), their only rehearsal in the coach *en route*, sang at each sitting at the tea tent, made a collection, and contributed as a result a sum of £54 to the Birdsgrove House fund.

The Conference president and chairman while at Birdsgrove made a call on Mr. W. E. Newbold (past secretary of the Conference Local Committee), a guest at the house with his wife after the illness that compelled him to surrender the secretaryship. Mounting their coaches for the return journey via Derby the excursionists found on their seats copies of THE CHEMIST AND DRUGGIST with reports of the Conference proceedings up to the previous day.

Pottery or Lace

CONFERENCE ladies had a choice of two excursions on the afternoon of September 3. Those who chose a visit to the Crown Derby pottery works at Derby were shown some of the forty processes which are involved in the production of china. The visitors were particularly interested by the sight of (in the words of one of the ladies) "exquisite articles almost unseen in these times—all safely housed in glass cases surrounding a beautiful showroom." Other ladies visited a lace factory in Nottingham. Many of the visitors returned expressing surprise that the lace had to be "cooked" at a stage during its manufacture.

Conference Sports

Golf.—EDMUND WHITE Trophy.—Winners: (1) J. O. Davidson, Tunbridge Wells, in Medal round: 88-18:70. (Mr. Davidson had been playing golf for only twelve months; he won playing two below his usual handicap on a strange course,



Winner of the Conference golf competition: Mr. J. O. Davidson. [Photo: Dr. H. Davis]

with borrowed clubs); (2) B. R. Smith, Dublin, best scratch score (79-8:71). Mr. Smith elected to take the scratch score prize; (3) J. A. Brown, Belfast, 92-18:74. Other scores were: F. Wheatley, Nottingham, 90-14:76; A. H. Newcombe, 84-6:78; H. Davis, 93-14:79; J. M. Lloyd, 93-14:79; L. S. Short, 97-18:79.

Tennis.—Winners, *Ladies*: (1) Mrs. F. Bates, 25 points; (2) Miss B. Wilson and Mrs. M. Locker (a tie, Mrs. Locker winning the toss). *Gentlemen*: (1) K. Eley, 26 points; (2) E. G. Locker, 24.

Bowls.—LONDON CHALLENGE. Scotland won by 26 to 13. The Scottish team comprised Messrs. W. Spence Culbert (skip), J. Michie, S. Rattray, and W. Peebles. The English team consisted of Messrs. F. A. Bates (skip), H. O. Meek, J. Reed, and G. L. Beet.

The chairman of the Conference (Mr. H. B. Mackie) presented the prizes at the Conference ball.

BRANCH REPRESENTATIVES AT NOTTINGHAM

Discussions on Professional Ethics

THE PRESIDENT of the Pharmaceutical Society (Mr. W. J. Tristram) opened at the Great Hall of Nottingham University on September 3 the half-yearly meeting of Branch Representatives, of which a brief mention was made in last week's issue. After welcoming delegates he said his first duty was to receive Dr. Höst Madsen (president, International Pharmaceutical Federation) and Messrs. Greig and Delahunt, representing the Pharmaceutical Association of Australia and New Zealand.

MR. GREIG, asked to address the meeting, said delegates from Australia had attended the Conference in the previous two years, and had gone back with good reports of what went on there. The Conferences did a great deal of good for pharmacy, in Britain and all over the world.

President in America

THE PRESIDENT said that in the previous week he had had the high privilege of representing the Pharmaceutical Society at the centenary of the American Pharmaceutical Association in Philadelphia. He was there asked to convey to the meeting the greetings of the American Pharmaceutical Association and particularly of its president (Mr. John Francke) who had been with them at Harrogate in 1952. Mr. Tristram said he had had the honour of taking with him an illuminated address on vellum — "a very handsome and artistic document." At the second session of the Conference he had been the first speaker. He had heard it said that the Health Service in Great Britain was "a complete flop." "I said quite categorically that we believe in Britain the principle of the service to be a correct one." He expressed the view that if pharmacists were not better off financially, at least N.H.S. had given them the opportunity to do, to a greater extent than they did before, the job for which they were trained. "I was touched with the warmth of the response."

After Mr. Tristram's account of his American visit, the meeting turned to the principal subject tabled for discussion: The Draft Revised Statement on Matters of Professional Conduct (*C. & D.*, August 2 p. 141).

THE PRESIDENT said that the existing statement did not reflect the development of the professional conscience that had come about since 1939. The Council had

put forward the draft for discussion in the belief that it laid down the conduct which the membership would wish to see observed and which reflected the needs of the situation as it existed today.

"The Council," he said, "will only with the greatest reluctance report a matter to the Statutory Committee. The procedure followed in the past will be continued if the revised statement is eventually adopted."

Rotas and Shop Hours

A clause-by-clause discussion on the draft statement followed. On clause 2 (see p. 365) MR. VICTOR REED, South-east Metropolitan, said there seemed to be a tendency for some of the younger chemists to keep open later. Six o'clock was quite late enough. Provision for late service was made in rota schemes.

MR. C. E. TURNER, North Staffs, said that the hours of service should be determined by the local Executive Council and those hours should be adhered to. For several pharmacies to remain open in addition to those on rota duty made a complete farce of the rota system. Members would, however, like a precise definition of the clause. If it was really aimed at rota breakers his instructions were to support it.

MR. J. C. BLOOMFIELD, Portsmouth, said that his branch believed in the substance of the second paragraph, but would like to know who was to decide when special circumstances existed—the owner of the business, the Pharmaceutical Committee or the Executive Council? All members in retail business should stand by any rota arrangement made by the Committee and endorsed by the Executive Council.

MR. S. DURHAM, Sheffield, said it was felt in Sheffield that the second paragraph in clause 2 needed to be made "absolutely foolproof." The phrase "special circumstances existing" might provide a loophole for rota breakers.

MR. W. T. REES, Cheltenham, said the president had referred in his opening remarks to ambiguities in the existing code of ethics. One would have expected the revised code to do something to clear up ambiguities and not add to their number. In paragraph 1 of clause 2 he could see a contradiction with clause 28, whereby the Council had power to designate products as undesirable. He contended also

that the general needs of the public should be met within the normal hours of business, and that urgent necessities were all that were required to be met outside normal business hours.

MR. R. CLARK, Portsmouth, referred to the mention of "special circumstances." Surely, he said, that gave the lead to anyone to open a late service.

Seaside Towns' Special Position

MR. H. JARVIS GRAVES, Exeter, asked what the Council thought of the position of pharmacists in seaside towns. Their special circumstances arose in the holiday season, when they had got to make their money while they could.

MR. F. J. HOBSON, Scarborough, said the rota system worked well there, even in the holiday season. Keeping open after closing time against the rota would only mean that Executive Councils would give contract hours of 9 to 7, instead of 9 to 6.

MR. T. A. DURKIN, Blackpool, said that delegates from his branch were instructed to ask that the second paragraph should be scrapped. It was impossible for seaside resorts of the size of Blackpool to keep to any kind of rota system in the summer. That was recognised by the Executive Council.

MR. H. WILLIAMS, Reading, thought that, when people were still coming out of surgeries at 7.30 or 8 o'clock, pharmacists should not stick too rigidly to the one-hour rota.

MR. E. R. MATTHEWS, Portsmouth, asked what power the Council really had to enforce the code. Was the code of ethics going to be something which the individual pharmacist would have to observe, but which could be broken down by the large financial interest with the reserves to fight it?

MR. WAKEFORD, Cornwall, said that the Society was putting the cart before the horse. The Council's efforts would be better employed in controlling the sale of medicines and ethical products. Until it was strong enough and wealthy enough to enforce the Statement, the whole of the matter from item one should be suspended.

MR. A. JACKSON, Leeds, thought pharmacists should be fined, warned, or struck off the list if they did not observe their contracts. But what penalty could the Society impose? How far could it extend its authority over the matter of opening and closing?

MR. P. CREEES, Birmingham, said that, if a pharmacist did not comply with the

code of ethics, it was easily possible to ostracise him and make things awkward for him in various ways.

MR. F. W. ADAMS replied. He said that to suggest that the Council was putting the cart before the horse was a little late in the day. They had had a Statement on Matters of Professional Conduct since 1939. To say that the job of the Society was to control certain products or to secure that their sale was reserved to pharmacists, was surely to deal with things in quite the wrong order. Why should Parliament give special privileges to a class of people unless by their conduct they showed that they were worthy of it?

The discussion so far had seemed to suggest, broadly, that the items that had been under discussion were acceptable. On the view that seaside resorts might be penalised, Mr. Adams said that observance of opening and closing hours only applied if there was a rota. It was not suggested that there ought to be, or must be, a rota in every district. The main purpose of item 2 was to recognise the obligation of pharmacists individually and collectively to see that the public got the medicines when they needed them. The degree to which individual pharmacists must contribute to that depended upon the circumstances of the district.

It had been mentioned that the individual was the best judge of how his business should be conducted. If that was the principle on which they were working it was no use discussing the code at all. The essence of it was the essence of any professional standard — that the individual was not the best judge. They relied on the judgment of their colleagues.

Long-term Policy?

On clauses 3, 4 and 5, MR. C. E. TURNER, N. Staffs, said they agreed with the suggestion in principle, but at the same time they must bear in mind the needs of the district in which the pharmacist was situated. Pharmacists in country areas were expected to supply many veterinary and horticultural products. Pharmacists in seaside resorts showed mainly photographic and toilet requisites. What was the long-term policy of the Society in the matter? Was pharmacy in this country to be developed on continental lines? If so, it must be realised that the N.H.S. dispensing accounted for, on an average, only 25 per cent. of the annual turnover and that cheques were now falling—to what extent they could not yet determine.

MR. H. C. CHAPPELL, Tunbridge Wells, drew attention to the phrase "... appearance of the premises should be dignified and reflect the professional character of pharmacy." Who was to be the judge of that?

Settlement by Discussion

MR. ADAMS said the main purpose of the clauses was to get the problems settled without resort to force. The Council believed that by discussion, locally in the first instance or subsequently by the Council, people who were departing from the standard considered necessary should be brought to realise that they must change their conduct. Where that procedure was not adequate, the Pharmacy and Poisons Act, 1933, had set up a Statutory Committee, which laid the basis for taking up those matters. It was possible for any individual member of the Society or even a member of the public to make a complaint to the Statutory Committee on any matter they thought justified a complaint, and it was for the Statutory Committee to consider, in accordance with its rules of procedure, what to do in the matter. It was worth recalling the words of the Lord Chief Justice at the time, when the only case that had ever gone to appeal from the Statutory Committee was under decision. It was clearly indicated that the court regarded the Society as master in its own house and would be extremely reluctant to interfere with a decision arrived at by the means laid down in the Act. When a case was brought before the Statutory Committee, the Committee could, if it saw fit, take disciplinary action. The Committee was not bound to strike the name off the register. There was a long intermediate procedure which he had not attempted to describe.

MR. T. C. NEVILLE BOOTH, Exeter, said his Committee felt that clause 4 should be most strongly opposed. The paragraph might become suitable, possibly, in twenty or thirty years' time, but that would depend on the Government in power. In his Branch area pharmacists were giving a splendid pharmaceutical service and could cope even with epidemic conditions. He would protest against any clause that would interfere with business that enabled them to keep open and maintain their pharmacy department.

MR. H. WILLIAMS, Reading, proposed that they should leave those clauses over until they had obtained fuller particulars from the Council as to what was meant.

THE PRESIDENT said he could not take a proposition. They were having a preliminary discussion only.

MR. D. H. GOULD, Exeter, said that clause 4 was important to those with small retail pharmacies. Unless a man could display some goods necessary to give him a livelihood, under modern business conditions he would have to pack up.

MR. W. O. AYERS, Nottingham, thought his fellow-members showed a rather negative attitude to the question. It was surely possible to display photographic and horticultural goods in a manner identified in the past with the running of a pharmacy by dignified standards.

Questions on Drug-store Interests

On clause 6, MR. G. F. JONES, Manchester, suggested that the words "be offered or" be deleted and the words "or offer" be inserted after the word "accept."

MR. G. R. MEE, N. Staffs, said his Branch was pleased to note that clause 7 had been included, particularly as the Branch's resolution concerning the matter had been defeated at the previous meeting of Branch Representatives, on the ground that it was an unwarrantable interference with the freedom of the individual. They felt it was unethical for a pharmacist to have any interest whatever in a drug store. They would, however, like the official reply to two points which had been raised in London—1. If the wife of a pharmacist purchased a drug store would he be treated as having an interest in it? 2. It was claimed at the London meeting that a pharmacist employed by a Co-operative Society had, willy nilly, a financial interest in a drug store: Was that the case? Was not this point covered by the Pharmacy and Medicines Act, 1941?

MR. ADAMS said that, with regard to the domestic and delicate question about the wife, he thought they all understood that the phrasing there was such as to prevent a sort of arrangement whereby the wife nominally owned the drug store, but in fact received money from her husband, who interfered in the control of the store. The point was covered by the phrase "associated with the conduct of a drug store." The Council did not believe that, if there were an arrangement between the husband and wife under which the wife owned the drug store, there were circumstances in which the husband did not play an active part in the business. He thought it would be a most extraordinary state of affairs if there were. By dealing with

THE CLAUSES THAT CALLED FOR DISCUSSION

2. When premises are registered under the Pharmacy Acts and opened as a pharmacy, particularly when descriptions involving any of the registered titles are used, the public are entitled to expect that a reasonably comprehensive service will be given there. This means not only willingness and ability to supply all commonly required medicines and medical appliances from stock but also to supply as soon as possible any unusual articles of this nature or to refer such demand to an appropriate source of supply. It also involves willingness and ability to furnish such supplies at all reasonable times. In deciding what is reasonable, regard should be paid to the nature and urgency of the case.

The opening and closing hours under any rota or other arrangements which enable the general needs of the public to be adequately met at all times outside the normal hours of business should be observed unless it can be shown that special circumstances exist or exceptional services are provided which would render compliance with such opening and closing hours against the public interest.

3. The obligations defined in the preceding paragraph cannot be satisfactorily discharged unless the accommodation is sufficient in size and services and suitably allocated, the stock, equipment and staff are adequate, and the premises are maintained in a satisfactory condition.

4. Both the external and the internal appearance of the premises should be dignified and reflect the professional character of pharmacy. It should be clear to the public that the practice of pharmacy is the main if not the only purpose of the establishment. Articles other than medicines and medical and surgical appliances and related articles should not be displayed or visibly stored in such a manner as to detract from this effect. Signs, notices, descriptions, wording on business stationery and related indications, should be restrained in size, design and terms. Descriptions implying special qualifications not possessed should not be used.

5. The pharmacist in personal control of the pharmacy is regarded as primarily responsible for the observance of proper standards of conduct in connection with it. Any failure on the part of the owner to provide the necessary facilities or any obstruction of the pharmacist in the execution of his duty in this respect should be taken into account and at the same time will be regarded as a failure on the part of the owner to observe the standards in question.

6. A pharmacist should not be offered or accept an appointment involving his acting as "cover" for an unqualified person.

7. A pharmacist should not own, have a financial interest in or be associated with the conduct of a drug store.

10. The dispensing of medicines should not be advertised. This includes not only direct references to such matters but also the use of general terms such as "pharmaceutical services" and the words "dispensing chemist." The use of the term "dispensing chemist" simply as a personal description on the facia or other appropriate position on a pharmacy, on labels or business stationery, in telephone and other directories, or in other similar circumstances, that is to say in a manner which is not normally regarded as advertising, is not affected. Similarly a notice stating that dispensing under the National Health Service is carried on there may be exhibited at any premises.

11. Any announcements which may be needed as to dispensing services available in the district should be issued by the local Branch of the Society or other official body.

12. The offer of a reduced price, dividend, prize, gift or special service in relation to dispensing, is regarded as advertising.

14. Prescriptions should not be discussed with patients or others in such a manner as to impair confidence in the prescriber.

15. No substitution of articles or ingredients in a prescription should be made except in cases of obvious error or in an emergency. In all cases the authority of the prescriber should be obtained whenever possible.

16. While the closest co-operation between pharmacist and doctor is desirable it is important that each should preserve his independence and not place himself in a position of business obligation to the other or so act as reasonably to suggest that he has done so. Without prejudice to their application in other cases the following are regarded as at variance with these principles:—

(c) Where either is the tenant of the other for professional purposes locally.

(e) Where a pharmacist has an arrangement with a medical practitioner whereby the latter tells his patients to take their prescriptions to the pharmacist or whereby in the absence of any need arising out of the circumstances the medical practitioner sends him prescriptions by other means.

18. A pharmacist should not recommend a medical practitioner unless asked to.

19. There should be no exhibition of contraceptives in a pharmacy or any reference direct or indirect by way of advertisement, notice, showcard or otherwise that they are sold there other than an authorised notice that articles approved by the Family Planning Association or other body approved by the Council, are sold.

21. No pharmacist should allow others to use in connection with the distribution to the public of any medicine, his name, qualification, address or photograph.

28. Medicinal articles designated by the Council as undesirable should not be sold.

"the conduct of a drug store" they were dealing with all possible objectionable points.

On clauses 10, 11 and 12, MR. F. G. LEWIS, Reigate, said he did not agree with the prohibition of the title "Dispensing Chemist." It was surely an accurate description of their calling. Moreover it was one which the public understood. He had no objection to the title of "Pharmaceutical Chemist" by those entitled to use it. Why should those with lesser qualifications not use the title which, to say the least, was dignified and accurate?

MRS. O. B. ADAMS, Plymouth, said that members in her district disagreed with the first sentence in paragraph 10. They would like to retain the right to advertise or use the term "Dispensing Chemist" anywhere, even in advertising. "We should also like," she said, "some assurance that all these statements shall apply to companies as well as to the private pharmacy."

"Dispensing Chemist" not Banned

MR. ADAMS replied that, as the preamble suggested, companies were included where the circumstances indicated. The question the clause dealt with had been under discussion for a long time, and they all recalled the decision of the Statutory Committee. It was felt by the Committee that advertising of dispensing services was wrong. The point was to avoid injudicious use of the term "dispensing chemist" and the advertising of dispensing services indirectly. There was not the slightest suggestion that the term should be done away with.

MR. J. C. BLOOMFIELD, Portsmouth, felt that the private pharmacist should be no less allowed to use the title than any private and limited company.

MR. C. E. TURNER, N. Staffs, said his Branch agreed with the first part of clause 15 but would like the phrase "or in an emergency" deleted. They considered that no substitution should be made without the prior consent of the prescriber, and that, if that was not readily obtainable, substitution should only be made in case of obvious error (for example, dangerous incompatibility). They felt that the phrase "or in an emergency" would cover too large a loophole. Who was to decide when an emergency existed?

On clause 15. MR. J. MYERS, Bradford, said he understood that, in hospitals now, the Government was asking pharmacists to substitute non-proprietary for propri-

tary substances. Was there going to be an exception there?

MR. J. MOORE, Brighton, said that hospital pharmacists were not exempt from this clause, it seemed. They always got hospital permission first before making any substitution whatever. There had been no direction from the Ministry that pharmacists should substitute automatically.

MR. F. A. BATES, Nottingham, said that there were times when the pharmacist must substitute (cries of "No").

MR. G. F. JONES, Manchester, said there were risks in regarding as equivalents different chemical preparations reputed to have analogous therapeutic effect. On clause 16, subparagraph (c), Mr. Jones said: "If I have a house which I want to leave to go and live somewhere else to enable me to conduct my business, am I not allowed to let that house to a doctor to enable him to carry on his practice?" Subparagraph (e) was clearly a question for the patient himself or herself to decide. "I think you could sum up paragraph 16 just as well by saying that there should be no collusion between the doctor and the pharmacist."

On clause 18, MR. TOMLINSON, Manchester, said his Branch would like a little interpretation of "recommend." They thought that no pharmacist should recommend any medical practitioner. On the other hand, if it were intended to apply to a statement of fact ("Doctor so-and-so does have a surgery at a particular address during certain hours"), they saw no objection to that.

MR. ADAMS said the point about the decision of Executive Councils and direction should, he thought, be dealt with in other quarters. The condition as to housing a doctor was only applied when the pharmacist and the doctor were engaged in practice in the same district. The term "recommend" was the word agreed between the British Medical Association and the Society, so that doctors saw no objection to it. It was not intended to apply to a suggestion that Dr. Smith was better than Dr. Jones, but was aimed at preventing deliberate attempts to divert people to a particular doctor.

"Bitter" Opposition

MR. T. A. DURKIN, Blackpool, said his Branch bitterly opposed the introduction of clause 19. He knew that quite recently a survey had been made by the Society's inspector in Blackpool of the exhibition of contraceptives in pharmacists' windows,

and he understood that the report showed that 99 per cent. of chemists in Blackpool were exhibiting contraceptives. It was well known that contraceptives were bought by members of the public and that the normal source of supply was the chemist's shop. As it was a considerable part of, at any rate, the seaside chemist's business, he asked them not to accept the clause.

MR. H. WILLIAMS, Reading, said there had been a full discussion on clause 19 in his Branch. There was no doubt that turnover in that kind of business was terrific. They were the people most suited to handle it. "Do you want young people of sixteen and seventeen trotting into these 'drug-store' shops? You don't. It is not right. So we suggest that clause 19 be changed. There should be no visible display of contraceptives, but we do want this business to come into the pharmacist's shop. We are in agreement that, when the notice or card should be exhibited, the size of the card should be such that it can be seen."

Moral Courage Called For

MR. P. FLOOD, South-east Metropolitan, said that the trend of the discussion seemed to be: "We are really ashamed of this business, but there is money in it." He deprecated the attitude of "but in seaside places. . ." What about the injury to morality? What about the position of the 16- and the 17-year-olds? "Let this business go to the drug-store," said Mr. Flood. "The pharmacist is better without it . . . It is a reasonable clause to me. I hope we have the moral courage to accept it as necessary."

MR. S. DURHAM, Sheffield, thought they all agreed that the display of contraceptives in a pharmacy was unwelcome. He wondered if the members of the public, who perhaps had been advised to use contraceptives, would understand the wording of the authorised notice relating to "articles approved by the Family Planning Association."

MR. E. R. MATTHEWS, Portsmouth, asked if any one knew of the "official" notice and what was its wording?

MR. ADAMS replied that there was no such notice at the moment. No notice was issued by the Family Planning Association, so far as he knew. The clause was intended to deal with what should go into the pharmacist's window. It was a delicate question. He did not think he need labour the point. The suggested notice met all legitimate requirements. It gave the

necessary information to the public and did not go beyond that. The Family Planning Association was the authority in this field. People were advised by doctors or by clinics to purchase contraceptives, and they would know what that term meant. They could come to some arrangement with the Family Planning Association that the people who were advised should be told where they could get those things.

MR. D. H. GOULD, Exeter, doubted whether the expression "articles and products approved by the Family Planning Association" would be understood by some members of the public. He thought that, if the expression "contraceptives approved by the Family Planning Association" was used, most people's case would be met.

Names in Advertisements

MR. F. GARTSIDE, N. Staffs, said his Branch would like clause 21 elucidated. For example, it was the practice of several pharmaceutical firms to have area advertising campaigns and to include in the advertisement lists of pharmacists who stocked goods advertised. Was that to be considered unethical? If so, he had been instructed by his Branch to oppose the clause.

MR. ADAMS said that the main thing in the mind of the framers of the clause was to prevent the discrimination that would appear in the use of a particular pharmacist's name in an advertisement to the public for articles that were obtainable from any pharmacy.

On clause 28, MR. S. DURHAM, Sheffield, hoped a procedure would be devised whereby any pharmacist who thought he had any valid reason for appealing against designating any article should have a chance of putting forward his views.

MR. ADAMS said every effort would be made to take into account the views of people who were affected.

(To be concluded)

CONFERENCE WEEK SAYINGS

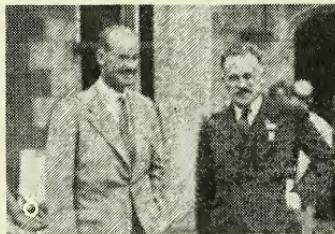
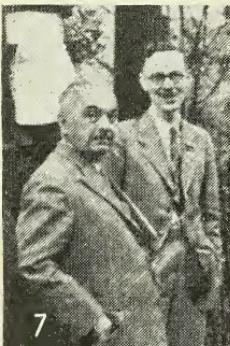
"The word symposium really means a bottle party, so we shall now break off (for coffee) and have our symposium."—*The chairman at the symposium session.*

"To keep one's powder dry," means, according to the Shorter Oxford Dictionary, 'to be prepared for action in any emergency.' Surely that is excellent pharmaceutical advice as applied to penicillin."—*Mr. W. Trillwood.*

PERSONALITIES AND PICTURES



1. Checking off excursionists at one of the outings.
2. An international group at Southwell Minster, including members from Scotland, Northern Ireland and England (or should it be Wales?).
3. Mr. C. W. Macfarlane, Aberdeen, wears a reminder that there are other highlands than Derbyshire's.
4. Counting up the collection after the Morpheus choir had performed at Birdsgrove House. The amount collected was £54.
5. Mr. H. Clement Shaw, Stone, and Mr. H. Bradshaw, Huddersfield.
6. Mr. James Coleman, M.P.S.I., Dublin (secretary, Pharmaceutical Society of Ireland), and Mr. William Gorman, M.P.S.N.I., Belfast (secretary, Pharmaceutical Society of Northern Ireland).
10. All-day excursionists in the grounds of Birdsgrove House.
11. The Minister of Health at the microphone at the banquet.



7. Dr. Unna, Hamburg, with Mr. W. O. Ayers, Nottingham. 8. M. L. Smith (secretary, A.B.P.I.) with Dr. W. Kennedy (Ministry of S. Mr. A. D. Powell, Nottingham, with Mr. A. F. Caldwell, Singapore.

E NOTTINGHAM CONFERENCE



C. & D. cartoonist, makes a quick sketch of one of his victims
13. The Lord Mayor of Nottingham (Councillor Leon H. Willson,
d to shake hands with the Conference chairman (Mr. H. B. Mackie),
the president (Alderman W. J. Tristram) at the banquet.





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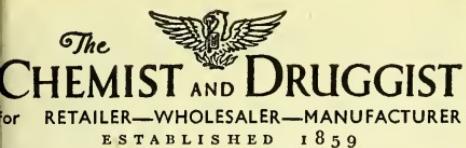
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VOL. CLVIII September 13, 1952 No. 3786

The Pace of Ethical Advance

FOR some time it has been apparent that the Pharmaceutical Society's Statement on Matters of Professional Conduct, adopted in 1939, was in need of modernisation, and in putting forward a Draft Revised Statement at the Branch Representatives' meeting on September 3 (p. 362) the Council has taken suitable and timely action in the direction of bringing it up to date. The draft revisions represent the Council's view of the conduct the membership would wish to see observed, "and which reflects the needs of the situation as it exists today."

With the suggestion that all members "would wish to see observed" the highest standards of conduct we may suppose universal agreement. The only differences of opinion arise on the rate of instituting the reforms. "We are all socialists now," said Sir William Harcourt, a Liberal statesman, as long ago as the nineteenth century. Yet even today there would seem to be many "socialists" who would prefer some measures deferred until the Greek kalends.

At one stage of the proceedings on September 3 the registrar (Mr. F. W. Adams), who acted as spokesman for the Council, remarked that the discussion seemed to have shown broad acceptance of the proposals. But that was while Representatives were still at clause 2. Even if his impression is conceded correct at that juncture, we are in doubt whether the subsequent discussion, as revealed in the re-

port, can truly be said to have shown acceptance "broad" enough to indicate readiness for immediate enforcement. As Mr. T. C. N. Booth said of clause 4, "The paragraph might become suitable, possibly, in twenty years' time." And if reluctance was shown by some Branch Representatives, how much more would it exist among the membership at large?

The fact is that many members are more acutely aware than the Council of the connection between clauses in the code of ethics and punitive or disciplinary action by the Statutory Committee. It is all very well for Mr. Tristram to say that "only with the greatest reluctance" will the Council report a matter to that Committee. Mr. Adams, at the selfsame session, drew attention to the remark of a former Lord Chief Justice that "the Court would be extremely reluctant to interfere with a decision arrived at by the means laid down in the Act," and further pointed out that "any individual member of the Society, or even a member of the public" might lodge a complaint to the Statutory Committee. Can everybody be sure that individual members of the public—or even of the Society—will show the same reluctance to report matters to the Committee as Mr. Tristram has pledged the Council to observe? Moreover, once the Committee has received a complaint, it may have discretion not to impose a penalty but it has the same compulsion to bring the matter to an inevitable conclusion as has the machinery of the law when that is invoked.

We admit the high value to the Council and to the membership of the discussions, which we have given at some length. We recognise considerable support therein for many of the Council's revision proposals. At the same time we emphasise the responsibility of the Council—which "could not accept a proposition"—to be equally sensitive to the fact that support from the Branch Representatives, however substantial, is not in a matter of this kind a mandate for action. Before the proposals are implemented they must be seen to carry the support of an overwhelming majority of the Society's entire membership. The essence of any professional stan-

dard is indeed, as Mr. Adams stressed, that the individual is not the best judge. The "judgment of professional colleagues" is meaningless unless it implies the judgment of a majority of the profession. Between now and the annual meeting the hostile, and even the reluctant or the slow to agree, must be given the opportunity of being converted to the higher standards the revised Statement embodies, and perhaps of being inspired with a renewed confidence in the Statutory Committee that a recent case may have done something to weaken.

Only when those positions are secured should the advance be made on the whole front.

"Nearly Record" Discussions

THE Science Sessions of the Conference, which were marked by an "almost record" number of papers, were marked too by what must have been a similar number of attenders. The papers reflected the growing specificity of problems studied in pharmacy. Pharmacognosy (apart from a paper on dressings) was not represented at all, yet important aspects of it, such as the evaluation of active ingredients of drugs, were treated in a number of papers, the papers themselves falling mainly under the headings pharmaceutical chemistry and pharmacology. Chemistry in one form or other dominated the discussions, physico-chemical procedures, for example, taking up at least five papers, including the introduction of an emission spectrography procedure (a method limited by cost of apparatus), to pharmaceutical analysis. The author of a paper on infra-red heating, though also not primarily concerned with the economics of the method, pointed out its advantages in reducing floor space and speeding drying processes. Other papers dealing with pharmaceutics included contributions devoted to surface-active agents; standardisation of pyrogens, and chlorodyne.

The poorness of enunciation of some of those taking part in the Sessions contrasted markedly with the value of their contributions (such as could be heard). While contributors would not be expected to specialise in oratory, it is regrettable that

their usefulness as research workers often falls down at the last fence, which requires of them only to communicate their thoughts clearly and audibly to others. The use of that modern aid to delivery, the microphone, appears to be a special technique which contributors would well to master.

A PHARMACIST'S ANTHOLOGY

AFTER dinner, Mr. Bob Sawyer [apothecary] ordered in the largest mug in the shop, and proceeded to brew a racing jorum of rum-punch therein; stirring up and amalgamating the materials with



pestle in a very creditable and apothecary-like manner. Mr. Sawyer, being a bachelor, had only one tumbler in the house, which was assigned to Mr. Winkle a compliment to the visitor: Mr. Ben Allen being accommodated with a funnel with cork in the narrow end: and Bob Sawyer contented himself with one of those well-lipped crystal vessels inscribed with variety of cabalistic characters, in which chemists are wont to measure out the liquid drugs in compounding prescriptions. These preliminaries adjusted, the punch was tasted, and pronounced excellent. There was no singing, because Mr. Sawyer said it wouldn't look professional.

—From "*Pickwick Papers*"
by Charles Dickens



BRITISH PHARMACEUTICAL CONFERENCE

N O T T I N G H A M 1 9 5 2



Closing Session

THE closing session of the Conference was held in the Great Hall of the University at 4.45 p.m. on September 5. On the platform were the president and the chairman of the Conference (Messrs. W. J. Tristram and H. B. Mackie) with Mr. W. Gamble (president of the Pharmaceutical Society of Northern Ireland), and other members of the Executive and local committee.

MR. J. C. HANBURY, Ware, moved a vote of thanks to the local committee. The Nottingham Conference, he said, would rank as one of the most successful of the series. Mr. Hanbury paid special tribute to the work of the local officers. In addition he thanked the ladies' committee, and the University authorities, both for the use of "their magnificent halls of Residence" and for "every courtesy and efficiency."

DR. E. HÖST MADSEN, seconding, said that he did so on behalf of the whole Conference; for the British participants because he had been told that he was one of them; for all the nations represented among those who had attended, and for International Pharmaceutical Federation, in whose name he was present.

PROFESSOR A. MIRIMANOFF, Geneva, Switzerland, on behalf of the Swiss Pharmaceutical Society, presented the Conference chairman with a volume "Leuchte Schweiz," illustrated with colour plates, and inscribed on the fly-leaf "A Monsieur H. B. Mackie, chairman of the British Pharmaceutical Conference, avec meilleurs compliments de la Société suisse de Pharmacie, Nottingham, 1952." The Conference president he presented "les Quatres Mètres," which contained photographs of Switzerland, and was inscribed on the fly-leaf: "A Monsieur W. J. Tristram, President de la Société britannique de Pharmacie Hommage de la Société suisse de Pharmacie."

MR. TRISTRAM thanked Professor Mirimanoff on behalf of Mr. Mackie and himself. MR. MACKIE then passed to the gift financially given to the local Branch of the Bell and Hills fund. It had been

decided, he said, that that need not be a book. Consequently the Executive had decided to present a gavel in ivory as a memento of the Conference visit. The gavel was inscribed "Presented to the Nottingham and District Branch of the Pharmaceutical

**NEXT
YEAR'S
CHAIR-
MAN :
DR.
G. R.
BOYES**

[Photo.
Dr. H.
Davis.



Society to commemorate the British Pharmaceutical Conference, 1952." Mr. Mackie presented the gavel to the Branch chairman (MR. GRANVILLE SHAW) who, in accepting it, expressed the thanks of the committee for the memento of an occasion which to them had been a great pleasure. He hoped to show the good qualities of the gavel during the rest of the year of his office.

DR. G. R. BOYES read the treasurer's report. The report showed that during the year ended December 31, 1951, the excess of income over expenditure in the Bell and Hills Fund amounted to £29. The accumulated fund in December amounted to £1,838. The expenditure of £666 included £206 for the cost of the scheme for assisting young pharmacists.

The report was adopted.

MR. H. TREVES-BROWN read the eighty-ninth annual report of the Conference which showed that thirty-three papers had been submitted to the Confer-





ence and twenty-nine accepted for presentation. Twenty-seven members took advantage of the offer of the Council of the Pharmaceutical Society in providing financial assistance to younger members to attend the Conference. Invitations for future meetings of the Conference had been provisionally accepted as follows:—From the Oxfordshire branch to meet in Oxford, 1954; from the Aberdeen and North-eastern Scottish branch, in Aberdeen, 1955; and from the Pharmaceutical Society of Ireland, in Dublin, 1956.

Dr. G. R. Boyes has been nominated chairman for 1952-53.

DR. G. R. BOYES thanked the Conference on behalf of his fellow officers for the confidence that had been shown in them.

MR. F. G. WELLS (a member of the Pharmaceutical Society's Council) invited the Conference on behalf of the branches of the Pharmaceutical Society in and around London to hold the Conference in London in 1953. He mentioned that it was the practice to hold the Conference in London every ten years, and that during the war, though the Conference had been held there, there were no social events. London was not the most beautiful city, he said, but it held more attractions than any other, and it was some of those that they hoped to show to members. It was suggested that the Conference should be held during the week commencing August 31. The headquarters were to be at the Grosvenor House Hotel, Park Lane, London, W.1, and they ex-

pected 800 to 1,000 members. It would be helpful to the Committee if members would inform Dr. J. M. Rowson as soon as possible of their intention to attend. A list of hotels at which reservations had been made would be published in the pharmaceutical Press.

MR. H. T. THOMAS, Kelso, proposed acceptance. He would have liked to see the Conference north of the Border again but the Coronation made London the 1953 choice.

MR. H. W. GAMBLE (president of the Pharmaceutical Society of Northern Ireland), seconding, said that there should be many pharmacists from all parts of the Commonwealth in London next year, and it was appropriate that the Conference should be held there.

The invitation was accepted.

MR. A. G. FISHBURN, Manchester, proposed a vote of thanks to the chairman. Those who had known Mr. Mackie for long time, he said, had expected him to impart warmth, sincerity and kindness to it, and that had proved to be so. MR. T. D. WHITTET, London, seconded, and the vote was carried with acclamation.

MR. MACKIE, replying, said: "This is the kettle bit." He had received support in full measure from the Committee. They had the best two secretaries that any organisation could have. When he accepted the chair he had known that he could rely on the enthusiasm of the Nottingham people. "You have reaped the result, I have reaped the result," he said.



Left: The joint general secretaries (Messrs. H. G. Rolfe and H. Treves Brown) compare notes. Right: Conference excursionists assemble for the start from the University.



[Photos: Dr. H. H. H. H.]

Science Sessions

(Continued from THE CHEMIST AND DRUGGIST, September 6, p. 340).

Properties of Salicylamide Derivatives

THE authors confirm that salicylamide is a better analgesic but a poorer antipyretic than acetylsalicylic acid. It is less toxic than acetylsalicylic acid, and a long term toxicity test using rats has shown that it is, in fact, "remarkably" well tolerated. Some derivatives show better analgesic activity than salicylamide and better antipyretic activity than acetylsalicylic acid.

The authors are E. M. Bavin, F. June Macrae, D. E. Seymour and Pamela D. Waterhouse, of Herts Pharmaceuticals, Ltd.

MRS. WATERHOUSE read the paper.

DR. F. HARTLEY, London, asked if there was damage to the mucosal lining of the rats, and suggested that a larger animal than the rat might have been better for the experiments.

MR. D. N. GORE, Dorking, expressed surprise that, in view of the great use of aspirin and the search for substitutes, salicylamide had been so long in coming forward. Was there any evidence that the drug would be of clinical use?

Replying, MRS. WATERHOUSE said that there appeared no evidence of histological damage in the intestinal preparations she had seen. The tests could not have been carried out on larger animals so conveniently but perhaps certain trials could be made with them.

She told Mr. Gore that salicylamide had been used on the Continent for years and good reports had been received. It appeared to have fewer side effects than aspirin.

The next three papers were taken together. The first, which was read by Mr. Hayes, in the absence of his co-author, on her honeymoon (she is now Mrs. Gilbert) was:—

Vitamin A in Fish Oils

EXAMINATION of twenty-six samples of commercial fish-liver oils and natural vitamin A concentrates showed that the proportion of total vitamin A present as neovitamin A varied between 11 and 39 per cent. when measured by the Robeson-Baxter method. Because of the difference in the intensity of the blue colours produced with antimony trichloride by all-trans and neovitamin A, the Robeson-Bax-

ter method gives results higher than the true values. Most of the samples contained little or none of their vitamin A in the form of the free alcohol. It is proposed that the British Pharmacopoeia monographs for halibut-liver oil and concentrated solution of vitamins A and D should include a limit test for vitamin A alcohol.

The paper, which is by Edmund Hayes and Margaret A. Petitpierre, is from the vitamin oils department, The Crookes Laboratories, Ltd.

The second of the three was:—

Vitamin-A in Cod-liver Oil

CORRECTED *E* values as determined on the unsaponifiable matter of cod-liver oil are considered to undervalue a given oil. A fair estimate of the potency may be obtained by saponifying the oil for thirty minutes followed by a determination of the $E_{326.5}$ m μ (gross). Optical density readings should also be taken over the range 310-360 m μ . The $E_{326.5}$ m μ (gross) value may be multiplied by the factor 1600 to obtain the potency in units per gm. Chromatography, using alumina containing 5 per cent. of added water, in some cases gives results in accordance with those obtained on the unsaponifiable matter but in other cases the results are unreliable.

The paper, the author of which is R. V. Swann, is from the research division of Allen & Hanburys, Ltd.

It was read by Dr. N. Evers.

The third, read by Mr. C. L. J. Coles, was:—

Stability of Vitamin-A Alcohol

VITAMIN A alcohol is substantially more stable in an aqueous dispersion than in an arachis oil solution, the superior stability apparently being a function of the physical state in which the vitamin A is present. It is considered that vitamin A alcohol, a lipophilic substance, may be taken up into the interior of the micelles.

The authors are C. L. J. Coles and D. F. W. Thomas, of Glaxo Laboratories, Ltd.

DR. R. E. STUCKEY, London, asked what percentage would Mr. Hayes suggest limiting the vitamin-A alcohol in the more concentrated solution of halibut-liver-oil? Turning to the second paper, he thought the 3-point correction was rarely satisfactory in raw cod-liver oil. Some types of

the oil saponified readily but one gave a curve after saponification unlike that of vitamin A. It was unwise to revert to the old factor of 1600. The only satisfactory saponification procedure included chromatographic separation. In the third paper he was surprised by the lack of stability in alcoholic solution stored under room conditions.

MR. J. H. OAKLEY, London, speaking on Mr. Coles's paper, said that the method of dispersing oils had many applications. Had the author any information on action of glycerol and ethanol on micelle structure? Had any antioxidants been used? Did ascorbic acid aid stability? Was there any reason for the particular storage condition?

MR. G. M. GORE, Dorking, asked if there were a critical concentration affecting micelle stability. To what extent could dispersion be diluted? What was rate of decay?

DR. G. E. FOSTER supported Dr. Evers in his use of the growth factor 1600. Was there any information on the assay of vitamin A in malt preparations?

MR. C. J. EASTLAND, London, asked whether the authors of the third paper had any information on the toxicity of the dispersing agent.

MR. EDMOND HAYES said that he would like to get back to the 1600 correction but the linearity and precision were not good. He thought the Medical Research Council should discard the international standard for vitamin A. Chromatographic separation might apply to malt preparations.

DR. N. EVERE, Hertford, asked why a vitamin A acetate should be determined in fish oil? Was it inactive or harmful?

MR. COLES said that vitamin A alcohol was more easily solubilised and more stable in aqueous dispersion. Tocopherol was as good as any antioxidant for the purpose. The storage routine had been chosen to simulate the conditions of normal shop storage. Vitamin A was utilised two or three times more from aqueous dispersion than from oil solution. It should not be assumed without test that lubrol W would continue without toxicity.

MR. HAYES told Dr. Stuckey that 7 per cent. would be a correct limit. To Dr. Evers he said that the vitamin A alcohol was less stable than the esters.

DR. EVERE, replying to Dr. Stuckey, said he thought Mr. Swann would agree that chromatography gave the most reliable results. The B.P. method must necessarily be empirical, but it should give

results comparable to the true vitamin A present. He thought that the B.P., 1948 did that better than the 1951 Addendum. To Dr. Foster he said that there was no difficulty in applying the method to malt and oil. To Mr. Hayes he said the main trouble was with the Morton correction.

The next paper, read by Mr. Royce was:—

Assay of Penicillin

THE authors describe an accurate routine method of assaying penicillin and its preparations, by inactivating the drug with penicillinase and titrating the acid formed. The method is readily applicable for use in pharmacies, hospital dispensaries and small laboratories. Its accuracy depends on (a) the use of a potent penicillinase, (b) the absence of buffering substance and (c) the amount of penicillin present to be estimated.

The paper, which is by A. Royce, C. Bowler and G. Sykes, is from the microbiology division, standards department, Boots Pure Drug Co., Ltd.

Opening the discussion MR. MACKIE said that the particular value of the work was in saving time. MR. HALL, Nottingham, said that there was doubt about the value of the iodometric method for benzylprocaine penicillin. DR. K. BULLOCK, Manchester, asked whether there was a true blank as usually the blank solution contained penicillin and was boiled.

MR. ROYCE replying said that there was also difficulty with the ring-plate method for assaying benzylprocaine penicillin. The control tube was water and enzyme. There were no substituents. The pH varied little. He assured Dr. Bullock that there was no hydrolysis within the time limits.

MR. MACKIE suggested that there might be a standard *Bacillus subtilis* used.

MR. ROYCE replying, said that general *B. subtilis* produced more stable penicillinas than other organisms.

The next paper taken was:

Hexamine as Penicillin Stabiliser

STABILITY tests were carried out with solutions of sodium benzylpenicillin in which hexamine had been added. It was found that hexamine stabilised both buffered and non-buffered solutions. The optimum effect appeared to be produced in the presence of citrate buffer, when the penicillin and hexamine were present in equimolar proportions. Hexamine prevented discolouration of solutions during the effective life and retarded the appearance of unsightly greasy films on the surfaces of silicone-treated vials, and when add-

at optimum concentrations to buffered solutions containing 100,000 international units per mil of penicillin, enabled them to be kept for more than twice as long at room temperature (22° C.), and three times as long in the refrigerator (4° C.), without significant loss of potency. When solutions at 100,000 i.u. per mil and 200,000 i.u. per mil were prepared in a vehicle containing 0.5 per cent. w/v of hexamine, 0.3 per cent. w/v of sodium citrate, and 0.001 per cent. w/v of phenyl-mercuric nitrate, it was found that they could be stored in a refrigerator for approximately twice as long as normal buffered solutions.

The paper, which is by R. J. Hobbs, J. L. Livingstone, J. Reece and W. A. Woodard, is from Glaxo Laboratories, Ltd., Greenford, Middlesex.

DR. LIVINGSTONE read the paper.

DR. FOSTER asked if any toxicity tests had been done on solutions of penicillin and hexamine and MR. T. D. WHITTET, London, if any chemical tests had been done. Did they cause more pain?

DR. F. HARTLEY, London, asked if hexamine affected the iodometric titration.

MR. P. CLAPHAM, Cheshire, asked for information about stabilising effect of hexamine at higher concentrations than one

hundred or two hundred units per mil.

DR. LIVINGSTONE replied that toxicity tests had been done on hexamine solutions alone and with penicillin. All had given good results. There was no increase in pain on injection. Close correlation existed between results from the method and from bioassays. At 500 u.p. mil the stability was not so good but the results were quite in accord with normal buffer solutions at the same strength.

Corrigenda.—In the discussions on the paper "Determination of Thyroxine" (*C. & D.*, September 6, p. 337), Mr. T. D. Whittet, London, asked if the new method had been used with tri-iododo thyronine.

—In the discussion on the paper on hydrocyanic acid in chlorodyne (*C. & D.*, September 6, p. 334), Dr. W. Mitchell, London, said that with a sample of extract of liquorice to which no ammonia had been added he had recorded a content of 0.01 per cent. ammonia and 0.14 per cent. on alkalising. A sample prepared with the same extract showed a 5 per cent. loss in 24 hours against a 30 per cent. loss in samples made with liquorice extract that had been neutralised either with ammonia or caustic soda.

Pharmaceutical History Exhibition

In the main building of the University were two small exhibitions dealing with pharmaceutical history. They had been arranged by Mr. G. E. Trease for the interest of members. The first, devoted principally to mediæval history, was held in the corridor leading to the Conference office. It included an alphabetical list of London pepperers, spicers and apothecaries; a list of mediæval drugs (largely compiled from documents in the Public Record Office); mortars and drug jars recently given to the University; typed extracts of records illustrating the activities of early spicers and apothecaries, particularly those associated with the courts of Henry III and Edward I, II and III; commercial transactions between London spicers and apothecaries and merchants from abroad, particularly those from Gascony and Montpellier; photostats of mediæval documents relating to pharmacy; and herbals, books and illustrations. The second exhibit, devoted to local pharmaceutical history, was held mainly in the galenical laboratory, adjacent to the Conference Office. It included typewritten extracts from the re-

cords of the city of Nottingham; photographs of apothecary tokens in the Castle Museum, Nottingham; an inventory of apparatus left by a Nottingham apothecary in 1294; the works of John Parkinson (1628 and 1640), who is believed to have been a native of Nottinghamshire; an English mortar (*ca* 1650) formerly owned by Mr. E. C. Carr (Fitzhugh & Carr, Nottingham) and recently presented to the University by Major E. S. Peck; prescriptions (originals) written for Sir Gervase Clifton of Clifton Hall, Notts, and Nottingham Place, London, in the years 1812-14; a letter from Sir Gervase Clifton to one of his physicians, which includes the sentence "I got the medicine made up at Bells the Chymist in Oxford Street, who seems to have done it very accurately"; a letter to Sir Gervase Clifton from Dr. Babington of Aldermansbury, London (Dr. Babington was a founder member of the Medical Society and appears in a portrait of the first members that hangs in the library of the Pharmaceutical Society); information about pharmacy in the Nottingham area.

CORRESPONDENCE

Letters may be sent for publication under an assumed name, but the correspondent must furnish his real name and address to the Editor

Substitution Condemned

SIR,—I commend to your readers the following extract from the American periodical "Drug Topics" (August 28):—

The American College of Apothecaries is warmly to be commended for having come out in such a forceful and positive manner against substitution in all its forms. As evidence of its intention to strike down this evil, the College has revised its by-laws to read: "Any Fellow who has been found substituting without authority a product or a brand name of a product other than specified on a prescription shall be subject to expulsion from the College."

This is an enlightened, far-sighted statement of principle, and is bound to be helpful in assuring high ethical and professional standards in all phases of prescription practice. Substitution . . . has no place in a profession devoted to the healing arts. The sooner the evil is killed root and branch, the better for pharmacy, medicine and the patients which they serve.

WILLIAM R. WARNER & CO., LTD.
London, W.4.

Ethics and Status

SIR,—I was very interested in Mr. Keith's letter (*C. & D.*, August 23, p. 259). It was strong and to the point, though Sassenach (August 30, p. 303) misses the point. While it is necessary in a great many pharmacies of today to run side lines, there is no comparison between such and lending himself as a "blind" for a drug store. Perhaps the Pharmaceutical Society has not always helped professionally in the past but it is surely up to pharmacists today to try and help to leave the profession in a better state than they found it in. I have pleaded with the young qualified before not to "sell" themselves to the "Great Octopus." It is not good enough to turn round and say "One must live" or "A job is a job." By all means let us improve our position—but not at the expense of the future.

SCOTTISH CHEMIST.

SIR,—May I, on behalf of the Guild of Dispensers reply to the letter signed Sassenach, and the article in the same issue, by Mr. Blore. Sassenach virtually asserts that the object of the Guild of Dispensers is to introduce a bogus qualification. This we emphatically deny. Our object is to inaugurate a proper and dignified status for those who are giving their working lives to pharmacy. The Pharma-

ceutical Society takes the attitude that the unqualified assistant has entered this great and growing profession by the back door, and must therefore perforce forever remain an underling. This is the attitude we are out to assail. Mr. Blore, in your same issue (pp. 280-81), appears to exhibit a certain snobbery in comparing the dispenser to the dental mechanic. He ignores the fact that the dispenser is, more often than not, trained in pharmacy and may legally dispense, even if not permitted to keep open shop. Such being the case, surely this large band of craftsmen are entitled to a proper recognition of their skill and worth, and should no longer be treated by the Society as a body of "unskilled labourers."

London, W.2. WILLIAM S. SOLOMON.

NEWCOMER'S NOTEBOOK

14.—Proprietary Association of Great Britain

A REPRESENTATIVE trade association for manufacturers of proprietary medicines. Formed in 1919 as the Association of Manufacturers of British Proprietaries. Present title adopted in 1926. OBJECTS:—To promote co-operation between manufacturers and distributors, establish standards of conduct, disseminate statistical and other information relating to the industry and provide a central body for the industry in its contacts with the Government and Government departments. (During the 1939-45 war the Proprietary Remedies Export Group was formed as a separate body; it is now merged with the parent body.) The Association has ensured that the industry's interests are given due consideration whenever new or changed legislation has been proposed, and has similarly protected members' interests in respect of foreign legislation. During the war it assisted Government departments in schemes to ensure fair allocation of scarce materials. The Association exchanges information and maintains contact with the Proprietary Associations of America, Canada, South Africa and similar bodies in Australia, New Zealand, India, Pakistan, etc. It has maintained a voluntary system of control of advertising standards and is in liaison with the Press, advertising agents, and advertisers.

PRESENT OFFICERS: President, Mr. C. H. Ratcliffe; Vice-presidents, Sir G. B. Lomas-Walker, K.B.E., Sir Frederick Wells; Chairman, Mr. F. A. S. Gwakin; Vice-chairmen, Messrs. H. G. Lazell and J. S. Walmsley; Treasurer, Mr. B. A. Elliman; Secretary, Mr. W. G. Hollis, M.P.S. The executive committee consists of the chairman, vice-chairmen, treasurer, and ten elected members. It is assisted by several subcommittees and a medical advisory panel.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

LONDON, SEPTEMBER 10
MANUFACTURERS of PHARMACEUTICAL and FINE CHEMICALS report little change in the volume of orders received during the week. To meet foreign competition a reduction of 5s. per cwt. was made in the price of domestic CITRIC ACID.

In the CRUDE DRUGS market buyers again limited their orders to essential needs. Business was done in ERGOT at 15s. 9d. per lb., c.i.f. African and Jamaican GINGER were easier but Zanzibar CLOVES reached a record value of 10s. per lb. for spot material. MENTHOL was one of the few commodities in demand and that was mainly for re-export. Whilst first-hand sellers of SENEGA were asking as much as 15s. 6d. per lb., c.i.f., there were re-sellers offering at 12s. 9d. The previous values of SHELLAC, CASCARA SAGRADA and AGAR were maintained. Dutch CARAWAY SEEDS continued firm at origin. Lack of rain has affected the quality of Tinnevelly SENNA arrivals at Tuticorin. The prices of LEAVES are unchanged but PODS are a little easier. August shipments from that port are given in the following table:—

DESTINATION	U.K.	U.S.	EUROPE
PODS ...	bales 114	bales 467	bales 646
LEAVES ...	bales 114	bales 33	bales 337

As in other markets business in ESSENTIAL OILS left much to be desired in volume of business done. Oils that tended easier included imported CARAWAY, SPEARMINT, VETIVERT, French LAVENDER, EUCALYPTUS, Spanish SPIKE LAVENDER, LEMONGRASS and imported NUTMEG. ANISE and Chinese PEPPERMINT were firm. Ceylon CITRONELLA was stated to be short at origin and, whilst shippers asked a premium of threepence per lb. over the last quotations, holders of spot material were willing to do business at the old rate. The prices of and prospects for OLIVE oil remain as published last week. It has been decided to end the buying on Government account of LINSEED and LINSEED OIL from overseas. The Ministry of Food has been the sole importer of these commodities since 1939. The arrangements under which private imports will be resumed under licence will be explained as soon as possible and prospective importers are asked to await an announcement by the Board of Trade before placing orders abroad. The price of crude linseed oil was reduced from £185 to £180 per ton naked, ex works, on September 7. No changes will be made in the prices of other unrefined oils and

fats and technical animal fats allocated to primary wholesalers and large trade users during the four-weekly period ending October 4.

U.S. Drug and Chemical Report

NEW YORK, SEPTEMBER 9
THE past week brought little change in chemical markets here and almost no significant alterations in values. Brazilian MENTHOL is now available at \$5.75 per lb. (down 10 cents), with trade quiet and arrivals increasing. PHARMACEUTICALS are experiencing a better tone owing to seasonal inquiries. EUCALYPTOL was lower at \$1.75 per lb. (25 cents). GUM ACACIA, amber sorts, at 15½ cents per lb. was up ½ cents. In the ESSENTIAL OILS market CORIANDER at \$22.50 was up \$1.00 per lb., and FENNEL at \$2.75 was up 10 cents. Lower per lb. were SPEARMINT at \$8.00 (25 cents); Florida ORANGE, \$1.60 (10 cents); Dalmatian SAGE, \$840 (60 cents); and LEMONGRASS, \$1.25 (10 cents).

Pharmaceutical Chemicals

ASPIRIN.—Prices are as follows:—5-cwt. lots, 4s. 10d. per lb.; 1-cwt., 4s. 10½d.; 28-lb. and under 1-cwt., from 5s. 8d. to 6s. 1d. according to pack.

BENZAMINE.—B.P.C. LACTATE and HYDROCHLORIDE are 180s. per lb.

CAFFEINE.—1-cwt. lots of the B.P. ALKALOID are about 27s. 6d. per lb., and the ANHYDROUS ALKALOID, 29s. 6d. per lb. The CITRATE is about 18s. 6d. per lb. for similar quantities.

CITRIC ACID.—Reduced. British makers quote 213s. per cwt. for 1-4-cwt. lots and 208s. per cwt. for 5-cwt.

GLYCEROPHOSPHATES.—Rates per lb. for 1-cwt. lots are as follows:—ACID, 20 per cent., 5s. 9d.; CALCIUM, soluble, B.P.C., 12s. 3d.; IRON, B.P.C., scale, 17s. 3d. and powder, 16s. 3d.; MAGNESIUM, soluble, B.P.C., 15s. 3d. and insoluble, 7s. 6d.; MANGANESE, 28s. 9d.; POTASSIUM, 50 per cent., 4s. 3d. and 75 per cent., 6s. 3d. SODIUM, 50 per cent., 3s. 3d. and 75 per cent., 4s. 9d.

HYPOPHOSPHITES.—Prices per lb. are unchanged as follows:—

SALT	7 lb.		28 lb.		1 cwt.	
	s.	d.	s.	d.	s.	d.
AMMONIUM ...	12	10	12	5	12	0
BARIUM ...	7	10	7	5	7	0
CALCIUM ...	5	11	5	6	5	1
IRON ...	12	1	11	8	11	3
MAGNESIUM ...	9	4	8	11	8	6
MANGANESE ...	10	11	10	4	9	6
POTASSIUM ...	7	11	7	6	7	1
SODIUM ...	6	7	6	2	5	9

ISONIAZIDE.—1-cwt. lots are £26 per lb. lots are £26 per lb.

KHELLIN.—10-kilo lots are £118 15s. per kilo.

LACTOSE.—English, in 1-ton lots packed in 2-cwt. kegs, £142 per ton; in 1-cwt. kegs, £143 per ton. In 1-cwt. paper-lined bags, 5s. per cwt. less than the above rates. Prices include delivery in the United Kingdom.

LITHIUM SALTS.—Current rates for 1-cwt. lots are as follows:—CARBONATE, 10s. 6d. per lb.; CHLORIDE (commercial), 10s.; HYDROXIDE, 10s.; CITRATE, 8s. 6d.; SULPHATE, 7s. 10d.; SALICYLATE, 9s. 6d.

PIPERAZINE.—Quotations for HYDRATE are from 37s. 6d. per lb.

POTASSIUM ACETATE.—In 1-cwt. lots B.P. granules are 2s. 8d. per lb.

POTASSIUM BICARBONATE.—B.P. powder is 130s. per cwt.

POTASSIUM BROMATE.—In 5-cwt. lots, 7s. per lb. In small quantities the prices range up to 8s. 9d. per lb.

POTASSIUM CHLORIDE.—In 1-cwt. lots B.P. is 1s. 6d. per lb.

POTASSIUM NITRATE.—Pharmacopœial quality is 145s. per cwt. (crystal, granular or powder) and commercial, 90s.

POTASSIUM SULPHATE.—B.P.C. is from 100s. to 130s. per cwt., as to quantity.

MAGNESIUM CARBONATE.—Rates are:—In 5-cwt. lots, 149s. 8d. per cwt.; 1-cwt., 155s. 2d. (in bulk). **HEAVY**, B.P. in bulk is from 150s. per cwt., as to quantity.

OXALIC ACID.—In quantities of 1-ton and less than 2 tons, spot material for the home trade is £133 10s. per ton, in 5-cwt. casks; 10 cwt.-1 ton, £138 10s. per ton; 5 cwt.-10 cwt., £143 10s. In 1-cwt. kegs, prices are £4 per ton more; quantities of less than 5-cwt., £162 10s. per ton. Packages free; delivered in U.K.

PANCREATIN.—1-cwt. lots of B.P. are now 8s. 6d. per lb. and U.S.P., 10s. 6d.

PHENYLACETIC ACID.—In 1-ton lots the price is now 5s. 6d. per lb.; 1-cwt., 6s. per lb. Perfumery grade, re-crystallised is from 8s. 6d. to 11s. 6d. per lb., as to quantity.

PHYSOSTIGMINE.—Rates per oz. for 25-oz. lots are as follows:—ALKALOID, 157s. 6d.; SALICYLATE, B.P., 118s.; SULPHATE, B.P.C., 137s. 3d.

POTASSIUM SULPHIDE.—B.P.C. lump and granulated are 1s. 1½d. and 2s. 3½d. per lb. respectively for 1-cwt. lots.

SODIUM ACETATE.—B.P.C. powder in 28-lb. lots is 1s. 9d. per lb.

SULPHOCARBOLATES.—SODIUM PHENOLSULPHONATE, B.P.C. (powder) is now 7s. 11d. per lb. in 28-lb. lots; 7-lb., 8s. 3d. per lb. **ZINC**, B.P.C., is 7s. 7d. per lb. (28-lb.).

SULPHAGUANIDINE.—B.P. is about 22s. 6d. per lb. for 5-cwt. lots.

Crude Drugs

CLOVES.—Firm. Nominal quotations for Zanzibar are 10s. per lb. for spot and 9s. 6d. c.i.f., for shipment.

COCHINEAL.—Black is from 7s. 3d. to 7s. 9d. per lb., as to quality, and silver grey, 6s. 3d. to 7s. spot.

COLCHICUM.—Corms on spot are offering at from 2s. 3d. to 3s. 6d. per lb.; seeds forward offers at 6s. per lb., duty paid.

COLOCYNTH.—Pulp on the spot is 1s. 9d. per lb., duty paid.

ERGOT.—New-crop offers of Portugues are 16s. per lb., c.i.f.

GAMBOGE.—Good average Siam pipe £40 per cwt., spot.

GENTIAN.—French natural on spot 115s. per cwt., and 112s., c.i.f.

GINGER.—African on the spot 112s. 6d. per cwt., and new-crop, 100s. c.i.f. Spot quotations for Jamaican are from 135s. to 165s. per cwt., as to quality. No. 3 for shipment is 130s., c.i.f.

GUAIACUM RESIN.—Quotations are from 3s. to 3s. 3d. per lb. for spot material.

GUM ACACIA.—Kordofan cleaned sor on the spot are 105s. per cwt.; September shipment, 97s.

HENNA.—Indian green leaves are about 77s. 6d. per cwt., on the spot. September shipment of Sudanese, 110s., c.i.f.

HONEY.—Spot supplies of Australian are from 105s. to 115s. per cwt. as to quality, and Jamaican, 130s. per cwt. Argentine material is from 122s. 6d. to 128s.

IPECACUANHA.—Forward offers of Nicaguan, September-October shipment, a from 45s. to 46s. per lb., c.i.f., and Colombian, 37s. 6d., c.i.f. Spot quotations are Nicaraguan, 48s., and Colombian, 44s.

JALAP.—A parcel of Vera Cruz testi 14.6 is offered at 4s. per lb.

KARAYA.—No. 1 gum on the spot about 230s. per cwt.; No. 2, 165s.; No. for shipment is 185s., c.i.f.

KOLA NUTS.—African halves are available on the spot at 5d. per lb., 3½d., c.i.f. for shipment.

MENTHOL.—Chinese, 57s. 6d. per lb. Brazilian, 44s. 6d., both duty paid.

ORANGE PEEL.—Bitter quarters a 1s. 11d. per lb., duty paid.

PAPAIN.—East African, grade 1 is 4 per lb. and Ceylon white, 42s., spot.

QUILLIAIA.—Forward rates for whole bark are £95 per ton., c.i.f.

RHUBARB.—Quiet. Shensi is 11s. 6d. 1lb.; Double Deer No. 1, 8s.; other grades of Chinese rough round at from 3s. 9d. 6s. all duty paid.

SAFFRON.—Mancha superior is offered at about 175s. per lb. on the spot for small lots.

SANDARAC. — Morocco is offering on the spot at 18s. per lb.

SEEDS. — **ANISE.** — Quiet and unchanged. Cyprus, 150s. per cwt., duty free; Turkey, 145s., duty paid. **CARAWAY.** — Dutch market improving. Sellers now asking from 95s. to 96s. per cwt., duty paid.

CELERY. — Indian in poor demand at 10½d. per lb., spot London. **CORIANDER.** Market easier. Morocco, old-crop, is reported to be offering as low as 42s. 6d., duty paid, in London. New-crop for shipment is 42s. 6d., c.i.f. **CUMIN.** — No inquiry. Spot: Cyprus, 180s. per cwt.; Morocco, 200s., duty paid; Indian, 190s. Forward: Cyprus, 135s.; Morocco, 185s. and Indian, 205s. to 210s., all c.i.f., London.

DILL. — Indian offered at 195s. per cwt., spot. **FENNEL.** — Indian quoted at 5s. per cwt., spot. French, 180s., duty paid. **FENUGREEK.** — Sellers of spot Morocco at 45s., duty paid (ex store, London and Liverpool). **MUSTARD.** — English, 85s. to 5s., according to quality.

SENEGA. — Spot supplies are 14s. per lb. First-hand sellers at origin are asking 15s. per lb., c.i.f., and re-sellers, 12s. 9d., c.i.f.

SENNA. — *Tinnevelly* wet-crop quotations (c.i.f.) are: LEAVES: Prime No. 1, 1s. 4d. per lb.; No. 2, 1s. 1½d.; No. 3, 9d.; PODS: 1s. 4d., October shipment, 1s. 4d.; hand-picked, 2s. to 2s. 6d. *Alexandria*: Manufacturing PODS, 1s. 9d., c.i.f.; hand-picked, 1s. 6d. to 7s., spot.

SHELLAC. — Steady. Spot quotations are: F.O.T.N., pure, 190s.; F.O. standard No. 1, 210s.; fine orange, 230s. to 25s. per cwt., ex-London warehouse.

STROPHANTHUS. — *Kombé*, 100 per cent. quoted at 18s. per lb. on the spot, and *Gratus*, 27s. 6d. per lb.

STYRAX. — Spot is 7s. 3d. per lb., duty paid.

TRAGACANTH. — No. 1 ribbon on the spot £135 per cwt.; No. 2, £120; No. 3, £80.

TURMERIC. — Madras finger on the spot 62s. 6d. per cwt., and forward, 56s. 6d. l.f.

VALERIAN. — Indian is offered at 135s. 137s. 6d. per cwt., spot. Belgian at about 200s.

WAXES. — **BEES'.** — Dar-es-Salaam on the spot is 420s. per cwt., shipment, August-September, 375s., c.i.f.

Benguela on the spot is 400s. per cwt., in bond; shipment, 365s., c.i.f. **CANDELILLA.** — Spot supplies are offered at 640s. per cwt.; no shipment offers. **CARNAUBA.** — Prime yellow, spot, 1,225s. per cwt.; afloat, 1,170s., c.i.f., and for shipment, 1,150, c.i.f., per cwt. Matty grey, spot, 910s. per cwt., and 870s. c.i.f. for shipment. **MONTAN.** — Rebeck crude on the spot is 135s. per cwt. **OURIBI.** — Spot, 0.5 per cent. impurities, 700s. per cwt. **SPERMACETI.** — Case lots are 2s. per lb.

Essential and Expressed Oils

ANISE. — Firm. Spot supplies are offered at 8s. 9d. per lb., and for shipment, 8s. 7½d., c.i.f.

CARAWAY. — English-distilled is offered at 45s.; imported oils are from 26s. per lb., for spot.

CARDAMOM. — English-distilled is from 42s. per lb. for spot material, and imported, 380s. per lb.

CITRONELLA. — Spot prices for original drums are: Ceylon, 3s. 9d. per lb.; Formosa, 4s., in bond; Java, 4s. 6d. in bond. Forward: Ceylon, 3s. 9d.; Formosa, 3s. 7d., and Java, 4s. 3d., all c.i.f., September shipment.

CLOVE. — English-distilled oil is 50s. per lb., nominal, with imported oils from 21s. 6d. Madagascar leaf on the spot is 12s. 9d. per lb., duty paid, and 10s. 9d., c.i.f., for shipment.

EUCALYPTUS. — Drum lots of 70 to 75 per cent eucalyptol on the spot are 6s. 3d. per lb., and 80 to 85 per cent., 6s. 9d.

GERANIUM. — Bourbon on the spot is 90s. to 95s. per lb. and 90s., c.i.f., for shipment.

LAVENDER. — French, 40-42 per cent. linanol on the spot is from 42s. 6d. per lb. Spanish SPIKE is from 11s. 6d. per lb.

LEMONGRASS. — Forward quotations are 7s. 1½d. per lb., c.i.f., and spot, 8s. per lb.

LIME. — Supplies of West Indian distilled are offered at from 55s. to 57s. 6d. per lb., on the spot.

NUTMEG. — English-distilled oil is about 38s. per lb. Imported oil (B.P.) is offered at 26s. per lb., duty paid for drum lots.

OLIVE. — Pharmaceutical oil in drums, spot, is from 27s. to 28s. per gall. French virgin (maximum acidity 1 per cent.) is offered for shipment at £287, and French pharmaceutical (maximum acidity 0.25 per cent.), at £282 per 1,000 kilos, c.i.f. U.K. ports. Spanish is not available for shipment.

ORANGE. — Spot offers of sweet range from 16s. 6d. per lb. to 19s. 6d.

PEPPERMINT. — Chinese *arvensis* oil is firm on the spot at from 37s. 6d. per lb. Japanese, 36s.; Brazilian, 17s. per lb. in drums, shipment, 16s.; Italian "Mitcham" type, 54s. per lb. for original drums.

SANDALWOOD. — Mysore oil on spot is from 69s. per lb., as to quantity; Australian oil is offered at 45s. per lb.; West Indian, 19s. 3d.

SASSAFRAS. — Brazilian natural is offering at from 6s. 6d. to 7s. 6d. per lb., duty paid, according to grade.

SPEARMINT. — Easier. U.S.P. is 67s. 6d. per lb. on the spot.

VETIVERT. — Bourbon in original drums is 125s. per lb., spot.

TRADE MARKS

From the "Trade Marks Journal," August 27

For agricultural and horticultural chemicals (1).
COLLIUM, 708,719, by Horticultural Specialities, Ltd., Rayleigh, Essex.

For industrial chemicals (1).
ASIMILON, 708,787, by F. W. Hampshire & Co., Ltd., Derry.

For detergents (3).

Circular device of drake, 704,716, by P. C. Drake, Ltd., London, E.C.2. GLOFAR, 706,182, by James Edward Farrell, Coventry.

For non-medicated toilet preparations (3).

PUPPET, 704,269, by Parfumerie Delafine, Ltd., London, W.C.1. PHANTOLID, 707,484, by Polaks Frutal Wrken, N.V., Amersfoort, Holland. COLORMIST, B707,850, by Steiner, London, W.1. GOYA 21, 708,160, by Goya, Ltd., London, W.1.

For non-medicated preparations for the hair, and cosmetics (3).

PROM, 704,959, by Gillette Safety Razor Co., Boston, Massachusetts, U.S.A.

For all goods (3).

PHOTINE, 708,406, by Hickson & Welch, Ltd., Castleford, Yorks.

For hair lotion (3).

OESTROTINCTOGEN, 708,863, by Leslie Slater, Blackburn, Lancs.

For all goods (5).

CORENTA, 705,795, by Rachel Jack, Bangor. FIRTREE BRAND, 706,782, by Alwitt Trading Co., Ltd., London, E.C.2. REDIZETS, 707,798, by Sharp & Dohme, Ltd., Hoddesdon, Herts.

For germicides (5).

SEPTOFYLLIN, 706,083, by Aktiebolaget Kabi, Stockholm, Sweden.

For pharmaceutical preparations (5).

STREPTOTIBINA, 706,740, by Lepetit S.A., Milan, Italy. JUVONE, PHENPRO, 707,511-14, by Organon Laboratories, Ltd., London, W.C.2. DINACRIN, 708,119, by Winthrop Products, Ltd., London, S.W.1. PANADEX, 708,437, by Paines & Byrne, Ltd., Greenford, Middlesex. ANTRENYL, 708,692, by Ciba, Ltd., Basle, Switzerland. ILOTYCIN, 708,701, by Eli Lilly & Co., Indiana, U.S.A.

For pharmaceutical, veterinary and sanitary substances (5).

Hexagonal device, 707,436, by Chemical Compounds, Ltd., Durham. AGRICIDIN, VETRICIDIN, 708,487-90, by Multipax Chemicals, Ltd., London, W.1.

For pine disinfectants (5).

KLARPINE, 707,499, by the Disinfectant Supply Co., Ltd., Preston, Lancs.

For medicated skin ointment (5).

CLEER-PLEX, 708,656, by Westcott & Co., London, W.C.1.

For instruments and apparatus for the administration of oxygen for medical purposes (10).

OXYGENAIRE, 694,409, by Oxygenaire, London, Ltd., London, W.1.

For thermometers (9).

TRITHERM, 708,908, by Day-Impex, Ltd., Southend-on-Sea.

For tooth-brushes and shaving-brushes (21).

BOOTYLE, 708,896, by Elizabeth Booth, Bur. Lancs.

From the "Trade Marks Journal," September 3

For industrial chemicals (1).

FEBCRETE, 708,855, by Gordon Fisher, Manchester.

For soaps and detergents (3).

HOOVER, and circular device of HOOVER, B705,980-81, by Hoover, Ltd., Greenford.

For non-medicated toilet preparations (3).

CT on crown and shield device, B706,285, by Charles Topper, London, W.1. VALLURJ, 708,867, by the International Import and Export Corp., Ltd., Nassau, Bahamas.

For adrenocorticotropic compositions (5).

DURACTHAR, 700,426, by Armour & Co., Chicago, U.S.A.

For antiseptic preparations and substances (5).

ZANIL, 702,132, by Roger Errington, Ltd., Mifield.

For medicated preparations for the liver and gallbladder (5).

KETOCHOL, 703,234, by G. D. Searle & Co., Illinois, U.S.A.

PRINT AND PUBLICITY

Sanitary Towels Prices.—A price ticket giving the prices of Sylvia sanitary towels is available from Cuxson, Gerrard & Co., Ltd., Oldbury, Birmingham.

Press Advertising.—MYRAM PICKER, LTD., Sutton, Surrey, are advertising their Gala nail colour, in a new pack and with a new formula, in a special publicity feature in "Woman" on September 13 and in the big circulation magazine and the "Daily Mirror."—T. F. Bristow & Co. Ltd., Boston Manor Road, Brentford, Middlesex are using large spaces in the Press to advertise their lanolin soap.

Medical Leaflets.—Leaflets, folders and booklets are obtainable from manufacturers as listed below:—

ALLEN & HANBURY'S, LTD., Bethnal Green, London, E.2: "Euvalerol M" (4-p. leaflet); "Fevac" (4-p. leaflet).

BAYER PRODUCTS, LTD., Africa House, King's Way, London, W.C.2: "Pharmaceutical Chemicals" (8-p. list of chemicals available from the company).

ROCHE PRODUCTS, LTD., Welwyn Garden City, Herts: "Tabulae Haematologicae" (Nos. 11 and 12 of the series); "Thephorin Ointment" (4-card); "Chemotherapy of T.B." (Nos. 4 and of 4-p. leaflets).

ROUSSEL LABORATORIES, LTD., 847 Harrow Road, London, N.W.10: "Pregnolone-Roussel" (6-p. leaflet).

SHARP & DOHME, LTD., Hoddesdon, Herts: "Fosmina" (6-p. leaflet).



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The
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SEPTEMBER 13, 1952

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